



### Air Quality in Ontario

APPENDIX

1997



### Air Quality in Ontario 1997

### Appendix

November 1999

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### Air Quality in Ontario

Appendix

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### INTRODUCTION

This appendix is intended for use in conjunction with the annual report Air Quality in Ontario 1997. Appendix A briefly describes the provincial air monitoring network, the quality assurance and quality control procedures and data base. Appendix B provides a series of tables showing the station locations as well as a listing of the summary statistics including, means, maxima, percentile values and the number of exceedances of the Ontario criteria for each pollutant.

### APPENDIX A - Monitoring Network Operations

### **Network Description**

In 1971, the provincial air monitoring network consisted of 254 instruments: 166 continuous analyzers at 76 monitoring sites and 88 sites with high-volume samplers. By 1980, the provincial network had reached its maximum size at 450 instruments of which 268 were continuous analyzers at 106 sites and 182 high-volume samplers. During 1997, the network consisted of 224 continuous monitoring instruments at 74 sites, 53 high-volume samplers, 24 daily PM<sub>10</sub> samplers and 22 real-time PM<sub>107.5</sub> monitors.

Ministry regional boundaries along with the Regional, area and district head office locations are show in Map 1.

More than 60% of all air monitoring by the ministry is source-specific and is the principal responsibility of operations division. For the most part, the operation of the monitoring stations and the collection of air samples is conducted by the regional staff. Environmental Monitoring and Reporting Branch operates the Greater Toronto Area (ambient stations) network and the mobile air monitoring units. The monitoring networks are classified by their functions: continuous air monitoring stations; non-continuous sampling sites; the toxic networks; and mobile air monitoring.

### Quality Assurance and Quality Control

In 1997, each region had an atmospheric and terrestrial effects unit responsible for the day-to-day air monitoring and maintenance.

Each day, the instruments are checked through a computerized telephone link by technicians confirming the automatic zero and span values (that is, a known value for a particular gas).

Regional technicians inspect and maintain the monitoring equipment and stations continually. If an instrument undergoes major servicing, the instrumentation and quality assurance unit will re-calibrate it.

Portable calibration equipment is used by regional staff. This equipment itself is re-calibrated at least twice per year.

There are other monitoring programs, such as those operated by the Lambton Industrial Society, Environment Canada and Ontario Hydro, which the ministry either audits or conducts comparisons with. It uses data from these services to judge provincial air quality.

The environmental monitoring and reporting branch operates a laboratory with gas reference standards that adhere to those of the U.S. National Institute of Standards and Technology (NIST) as well as to the pollution measurement division of Environment Canada.

Performance audits are conducted on the sulphur dioxide, nitrogen oxides/nitrogen dioxide, ozone and total reduced sulphur (as hydrogen sulphide) monitors approximately three times per year and on

carbon monoxide monitors once per year.

Chemical analyses performed by the laboratory services branch are also subject to quality assurance and control.

The ambient air quality monitoring network undergoes constant maintenance to ensure a high standard of quality control.

Continuous real-time and particulate data are reviewed, assessed and validated constantly by regional staff and staff of the environmental monitoring and reporting branch.

Actions are taken immediately to correct anything that may affect the validity of the data. These measures ensure that ambient air monitoring data are valid, complete, comparable,

representative and accurate.

In 1997, continuous air monitoring instruments were given 622 performance audits. Approximately 86 per cent of the audits were found to be in the acceptable performance criterion, i.e. measured values were within 10 per cent of the standard. For the remaining 14 per cent which fell outside the 10 per cent range, station log records and backup charts were consulted to adjust the data to reflect true ambient concentrations. As a result, the network for 1997 had 94.1 per cent valid data out of approximately 4 million data points.

### Data Base

The ambient air quality data used in this report are stored in the ministry's air quality information system (AQUIS). Approximately 4 million air pollution measurements are added to AQUIS yearly, with the vast majority representing Ontario's more heavily populated urban areas.

A statistical pattern test is used to identify data anomalies, such as unusual pollutant concentrations. Each pollutant has a predetermined pollutant concentration range based on historical data. Values outside this range are flagged for further investigation.

AQUIS data are divided into two major groupings: continuous (1-hour) measurements and daily (24-hour) measurements.

Hourly data are obtained from automated ambient air monitoring instruments which operate continuously. These produce an average measurement each hour for a possible total of 8760 measurements in a year.

SO<sub>2</sub>, SP (as COH), CO, NO<sub>x</sub>/NO/NO<sub>2</sub>, O<sub>3</sub> and TRS compounds are all measured hourly. A valid annual mean requires at least 5840 hourly readings or 67 per cent valid data. Typically the network yields approximately 95 per cent valid data.

The instruments which provide daily measurements from a 24-hour sampling period are usually operated on one, three or six-day sampling cycles. They measure TSP,  $PM_{10}$ , lead, various trace metals, sulphate and nitrate.

For daily data, a valid annual mean requires at least two thirds of the total number of possible samples, i.e., a station operating on a 6-day sampling schedule would require at least 40 out of a possible 61 samples.

To be included in the 10-year trend analysis, a site must have valid annual means for at least 8 out of the 10 years 1988-1997. To be included in long term analysis a site must have a valid annual for at least 21 out of the 27-years, 1971-1997.

### APPENDIX B - Network Descriptive Tables and Annual Statistics

The entire continuous (hourly) network is summarized in Table A1 and Maps 2-9. The table gives station name, numerical identifier, and pollutants measured. The numerical identifier is the station (ID) number, the first digit of which identifies the geographic region in which the station is located.

The column headings for the continuous pollutants are as follows:

SO<sub>2</sub> (sulphur dioxide)

SP (suspended particles as measured by COH)

TRS (total reduced sulphur compounds)

CO (carbon monoxide)
NO<sub>2</sub> (nitrogen dioxide)
NO<sub>x</sub> (oxides of nitrogen)
NO (nitric oxide)
O<sub>3</sub> (ozone)

PM<sub>10</sub>/PM<sub>25</sub> (real-time inhalable/respirable particles)

API (air pollution index) AQI (air quality index)

The particulate (daily) network is summarized in Table A2 and Map 10. The table gives station name, numerical identifier, and pollutants measured. Numerals indicate the monitoring cycle frequency in days. Some additional codes are defined in the key at the top of the table. The column headings for the noncontinuous pollutants are as follows:

TSP (total suspended particles)

Cu (copper in TSP) (chromium in TSP) Cr Fe (iron in TSP) (manganese in TSP) Mn Ni (nickel in TSP) (lead in TSP) Ph V (vanadium in TSP) NO3° (nitrate in TSP)

(sulphate in TSP)

SO<sub>4</sub>2-

The inhalable particle  $(PM_{.10})$  network is summarized in Table A3 and Map 11. This table gives the station location, parameters measured and frequency of sampling.

The meteorological network is summarized in Table A-4 and Map 12. This table gives station name, numerical identifier, meteorological parameters measured and the height of the measurements.

The 1997 statistical data for the various pollutants are provided in Tables A5 through A28. The 10-year trends are presented in tables A-30 to A-38. The stations used in the 10-year trends are listed in Table A39.

### ABBREVIATIONS

ID - five digit provincial station identification number

TYP - survey type

YR - year monitoring began

LAT - station latitude in degrees/minutes
LONG - station longitude in degrees/minutes

ELEV - elevation of sampling inlet (metres above ground)
INS - insufficient data to compute relevant statistics

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WINDSOR	467 UNIVERSITY AV W	12008	<	69	42 19	83 03	oo 4	<b>⊢</b> ⊦	⊢ ⊢	-	F	-	-	<b>—</b>	. 🗕	· [
WINDSOR	COLLEGE/SOUTH ST	12016	< <	75	42 18	83 04	4 4	-			- (-					
MERLIN	MOE WATER PUMP STN, MIDDLE RD HWYAO (OPP I AMBTON GS)	13021	< -	69	42 48	82 29	4	T								
COOKINGE				36	43 60	80.00	~	-	-	H	1	H	<b>—</b>	<u></u>	←	_
SARNIA	CENTENNIAL PK, FRONT ST/CN TRACKS	14054	< <	77	42 56	82 14	7				Τ					
MANDAUMIN	CONCESSION RU 26	15009	. <	63	42 53	81 29	4				H					
LUNGWOODS PARKIII I	PUC BUILDING	15013	<	83	43 10	81 41	2				<b>⊢</b> F	-				
GRAND BEND	POINT BLAKE (CONSERVATION AREA)	15020	A	16	43 20	81 44	4				-					
or the Contract	AND DICTIBITION AVE	15025	<	98	42 59	81 13	4	_	Τ	<b>-</b>	H	T	- 1	ŀ	H	<b>⊢</b>
LONDON	CONCESSION RD 2 LOT A	18007	<	19	44 18	81 35	4	Т			<u></u>		- 1	-		
SIMCOE	EXPERIMENTAL FARM	22071	<	75	42 51	91 08	4	-			<b>-</b>	F	-			
NANTICOKE	CHEAPSIDE RD(3 KM S OF HWY 3)	22086	-	77	42 52	80 00	٠ ١٠	<b>⊢</b> ⊦			F	- 1-				
LONG POINT	PROVINCIAL PARK	22901	<	19	42.35	80 23	4	-								
	CG Validians and Thousand	22904	-	79	42 50	80 02	4	<b>—</b>						<u>_</u> =		
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HAMILTON	ELGIN/KELLY	29000	<	87	43 15	79 52	4	-	-	-	-	-				
	ULBOINTINING	2000	-	69	43 16	79 51	4	L	1					<b>⊢</b> 1		
HAMILLON	467 BEACH BLVD	29102	-	84	43 17	79 47	4	-	-			<b>←</b> 9	e E	- +	+	-
HAMILTON	VICKERS RD/EAST 8TH ST	29114	<	88	43 14		e .	<b>⊢</b> 1	H F	F	(-	- F	-	- 1-		-
HAMILTON	MAIN STAY HWY 403	29118	< ⋅	00 00	43.15	79 54	~ ~	-	~ [-	-			_	-		
HAMILTON	JI CASE	29531	-	96	43.29	-										
THA MILE TON	DIER 25/MEACH STRIP	29547	-	92	43 27	79 78	4		-				<b>L</b> +	-		
HAMILTON	HOMESIDE	29561	-	98	43.21		4		_		H		-			
TORONTO	CN TOWER	31190	Α .	68	43.35		444	F	F	7	- (-	I	*		_	Τ
TORONTO	QUEEN/UNIVERSITY OSGOODE	11101	< <	70 20	43 45	79 16	7	- 1	-	_	<b>—</b>	Т	Т		-	_
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ETOBICOKE	ELMCREST RD (CENTENNIAL PK)	35003	< <	60			n .~			- 1-	-	Τ	T.		_	<b>⊢</b> 1
ЕТОВІСОКЕ	EVANS/ARNOLD AV	35033	< <	68					-	T	-	Т			<b>⊢</b> (	<b>⊢</b> F
YORK DUDI INCTON	HWY2NORTH SHORE BLVD E	44008	<	79			5	<b>—</b>	-	T	_	L			-	-
		44016		08	43.74	79 44		T	1	T	L	⊢		F	-	-
OAKVILLE	BRONTE RDAVOBURN CRES	44016	< <	70			۰ ح	-	_		1	Τ	1.		- 1	- 1
OSITAWA	PS, RITSON RD/OLIVE AV	46110	< <	77				_	-		H		· H	+	j-a	-
MISSISSAUGA	MEADOW PK APPLE LANE C	46117	-	87			>	-			1	+	H	-		
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OTTAWA	MCD GDS, NIDEAU/WORLESHOOKS ST	\$2020	. 4	00					H		<b>←</b> F	F	-	Τ		-  -
CORNWALL	MEMORIAL PK, BEDFORD/THIRD STS	56051	V	76	45 01	1444	4	<u>_</u>	-	_	-			• F		
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PETERBOROUGH	MOEE LANSDOWNE ST	59006	4	76	44 16	78.21	7				-						
DRYDEN	35 VAN HORNE AV	61027	_	84	49 47	92 50	15								_		
FORT FRANCES	PORTAGE/CHURCH ST	62030	-	16	48 37	93 24	4							,-	L		
FORT FRANCES INTL FALLS	CEMETERY, COLONIZATION RD W U.S. CUSTOMS BLDG	62032 62045		76	48 37	93 25	2 4	<b>-</b>							<b></b>		
FORT ER ANCES	FIGHTH ST/CORMVALL AVE	62047	-	06	48 37	01 24	4										
FORT FRANCES	ROBERT MOORE P.S	62200	. 4	97	48 38	9323			_		_				- <del>-</del>		_
MARATHON	WATER TOWER	63033	_	16	48 43	86 23	4								-		
THUNDER BAY	CAN-CAR, MONTREAL ST	63046		16	48 21	81 68	3								Т		
RED ROCK	RECREATION CENTRE	63084	-		48 57	88 15	7								_		
TERRACE BAY	ST MARTIN SCHOOL	63090	-	180	48 47	87 06	00								<u></u>		
TERRACE BAY	TERRACE HEIGHT DR	63092	-	18	48 48	87 04	4								_		
THUNDER BAY	MOT 615 JAMES ST S	63200	4	86	48 23	89 17	3	⊢	1	⊥	Τ	T			_	⊬	+
SAULT STE MARIE	WM MERRIFIELD SCHOOL	71068	A	87	46 32	84 21	3	j	⊢		<u></u>	(ma	-		1	<u></u>	T
WAWA	SUPERIOR AVE	71077	-	94	47 59	84 58	~	⊢									
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SUDBURY		77012	-	52	46 39	80 46	4	Т									
SUDBURY	HANMER	77013	-	73	46 39	80 57	5	$\perp$									
SUDBURY	WATER TANK ASH ST	77016	-	69	46 30	81 00	3	-									
CONISTON	GOVERNMENT ROAD/EDWARD ST	77028	-	74	46 29	80 51	4	-									
GARSON	FALCONBRIDGE ROAD	77065	-	76	46 34	80 51	4	Т									
NEW SUDBURY	KENNEDY STREET	77075	-	16	46 31	80 57	4	Т									
SUDBURY	LONG LAKE ROAD (VILLA LOYOLA)	20077	-	08	46 24	8101	4	_									
SUDBURY	MIKKOLA (J. HAMILTON SCHOOL)	77201	- <	82	46 25	81 07	4 7	1	F	F	F	F			-	F	-
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RAYSIDE	ST LAURENT/REGIONAL RD	77206	_	8.5	46 36	81 06	4	-									
COPPER CLIFF	MARKET STREET	77218	_	83	46 28	81 04	4	_									
SUDBURY	ROBINSON SCHOOL	77228		06 6	46 28	81 00	4 4										
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TOTALS:								21	33	20	39	28	22		31	25	27
LEGEND:																	
CO3 Culphur Dioxido																	
COH - Coefficient of Haze	laze	TRS - Total Reduced Sulphur	educed Sul	phur													
CO - Carbon Monoxide	٥	API - Air Pollution Index	ntion Index														
NO2 - Nitrogen Dioxide	e p	PM10/2.5 - Inhalable/Respirable Particulate (T* is PM2.5)	alable/Res	oirable Pa	rticulate (	T. is PME	2.5)										
NO - Nitric Oxide																	

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WINDSOR	WRIGHTAVATER ST	12007	-	20 24	42 17	83 06	4	9	9	9	9	9	9	9	9	9	9	9	9		
WINDSOR	467 UNIVERSITY AV W	12008	<	70	42 19	83 03	90	9	9	9	9	9	9	9	9	9	9	9			9
WINDSOR	DROUILLARD RD/RICHMOND ST	12011		00	42 19	83 00	\$	9	9	9	9	9	9	9	9	9					
WINDSOR	FILTRAT PLT,3665 WYANDOTTE ST E	12013	-	11	42 19	83 00	9	9	9	9	0	9	9	9	9	9					
WINDSOR	SEWAGE STN, HWY 18PROSPECT	12015	-	11	42 17	83 05	\$	9	9	9	9	9	9	9	9	9	9	9	9		
WINDSOR	COLLEGE/SOUTH ST	12016	<	75	42 18	8 3 0 4	4	9	9	9	9	9	9	9	9	9	9	9	9		
WINDSOR	2885 HOWARD AVE	12038	-	78	42 17	8301	4	9	9	9	9	9	9	9	9	9	9	9	9		
AMHERSTBURG	415 FRONT ST	12053	-	- oc	42 08	83 07	= -	9									9	9	9 4		9 9
AMHERSTBURG	DUFF ST. (EAST END)	12055	-	91	42 07	83 06	-	٥											٥		
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WINDSOR	BRENTWOOD CENTRE	12060	-	96	42 17	83 01	9	9	9	9	9	9	9	9	9	9					
WINDSOR	CITY YARD	12061	-	98	42 18	83 02	9	9	9	9	9	9	9	9	9	9					
COURTRIGHT	HWY40 (OPP LAMBTON GS)	14016	-	69	42 48	82 29	4	9	9	9	9	9	9	9	9	9	9	9			ی
CORUNNA	R.R. #1 (W OF HOUSE)	14030	-	78	42 53	82 17	-	٥	9	9	9	9	9	9	9	9					
SARNIA	DAVID/FRONT ST	14151	-	79	42 59	82 24	4	9													
LONDON	900 HIGHBURY AVE	15025	٧	96	42 61	91 18	4	9	9	9	9	9	9	9	9	9					9
BEACHVILLE	CYANAMIDE RD (GORDON PROP)	17014	-	7.4	43 05	80 50	7	9													
INGERSOLL	HWY 2 RR 2 (J SPRIEL PROP)	17020	-	81	43 04	81 49	4	9													
EMBRO	OXFORD CTY RD 6 (HESSTON FARM)	17021	-	83	43.06	81 28	-	9	1		1										
BEACHVILLE	26 VINE ST (MOE TRAILER)	17015	-	68	43 05	80 50	4	9													
REACHVILLE	26 VINE ST (MOE TRAILER)	17215	-	68	43.04	05 08	4	9													
BEACHVILLE	26 VINE ST (MOE TRAILER)	17315	-	68	43.04	80 50	4	9													-
TIVERTON	CONCESSION RD 2 LOT A	18007	-	80	44 18	81 32	2														
TIVERTON	CONCESSION RD 4 LOT D	18008	-	80	44 18	81 32	2														-
TIVERTON	CONCESSION RD 6 LOT E	18009	-	80	44 19	81 32	2														-
TIVERTON	CONCESSION RD 8 LOT 6	18010	-	80	44 20	81 10	2														-
TIVERTON	CONCESSION RD 10 LOT F	18011	-	80	44.21	8130	2														-
NANTICOKE	RAINHAM RD/SANDUSK RD	22092	-	8 8	42 49	80 05	4	9												9	
NANTICOKE	WALPOLE S PS, SANDUSK RD	22904	-	84	42 50	80 05	4	9									9	0			
NANTICOKE	RAINHAM RD (NEAR STELCO GATE)	22907	-	84	42.49	80.08	4	9												ç	
NANTICOKE	N 2 KM NANTICOKE GS	22964	-	84	42 50	80 08	4	9													
KITCHENER	134 LANCASTER STREET	26044	-	16	43 26	80 30	4	9													
KITCHENER	778 GUELPH STREET	26046	-	16	43 26	80 31	4	9													
WELLAND	337 ALBERTA/DEVON ST	27045	-	78	42 58	79.15	-	c												0	

SINGLE DIGITS = CYCLE DURATION IN D. ID = STATION IDENTIFICATION NUMBER	SINGLE DIGITS = CYCLE DURATION IN DAYS ID = STATION IDENTIFICATION NUMBER	TYPE = A-AMBHENT SURVEY; LSOURC LAT =LATHTUDE(DEGREES MINUTES)	AMBHENF ITUDE(DE	SURVEY	; LSOURC	TYPE = A-AMBIENT SURVEY, LSOURCE SPECIFIC SURVEY LAT =LATHUDE(DEGREES MINUTES)	SURVEY					ELEV =	ELEV = AIR INTAKE HEIGHT ABOVE GROI LONG = LONGITUDE(DEGKEES MINUTES)	AKE HE UDE(DE	GHT AI	OVE GR	OUND (	ELEV = AIR INTAKE HEIGHT ABOVE GROUND (METERS) LONG = LONGITUDE(DEGREES MINUTES)			
CHY	STATION NAME	=	TYPE	YR	LAT	LONG	ELEV (M)	15P	3	ڻ	ō	Fe	Min	ž	Pb	>	NO3	804	5	٥	RAD
THOROLD	185 QUEEN ST S	27052		82	43 07	79 12	-	9	9	9	9	9	9	9	ح	9					
NIAGARA FALLS	SIP GROUNDS, STANLEY AV	27055	- <	20 00	43.08	79.05	4 4	s s													
IAMILTON	KENICWORTH	29009	< -	6.0	43.15	79 49	. 9	9													
IAMILTON	BURLINGTON/LEEDS	29011	-	73	43 16	79.49	~	9	9	9	9	9	9	9	9	9	9	9		9	
HAMILTON	BURLINGTON/WELLINGTON	29012	-	7.3	43 16	79 59	7	c													
HAMILTON	BARTON/SANFORD	29025	-	69	43 16	19 61	4	9	9	9	9	9	9	9	9	9	9	9		9	
HAMILTON	467 BEACH BLVD	29102	-	88	43 17	79 47	4	9	9	9	9	9	9	9	9	9	9	ç			
GREENSVILLE	OFIELD RD/AIWY 5	29111	-	98	43 18	19 59	-	9													
HAMILTON	GFRTRUDE/OFFEW	29113		86	43.15	79 49	4	9													
HAMILTON	VICKERS RD/EAST 18111ST	29114	<	8.8	43.14	79 52	3	9	9	9	9	9	ç	9	9	9	9	9			
HAMILTON	MAIN STAW HWY 403	29118	<	5.8	43.15	79 54	~	9													
HAMILTON	MORLEY ST/PARKDALE AV	29119	-	98	43.15	79 47	4	9													
HAMILTON	DUNDURN/YORK	29122		87	43 16	79 53	10	9													
HAMILTON	KEEFER COURT/MOEE LAB	29143	-	92	43.24	79 76	4	9						1							
TORONTO	BRUCE PS, 51 LARCHMOUNT AV	31018	-	98	43.40	79 20	9	-							-						
TORONTO	MOSLEYALESUIE STS	31058	-	7.3	43 40	79 20	>	_	-	-	-	-	-	-	-	-					
IORONFO	A R CLARKE CO. 633 EASTERN AVE	31065	-	87	43 40	79 20	12	-							-						
TORONFO	WORKS DEPT, 138 HAMILTON AV	31082	-	7.4	43 40	79 21	\$	-							-						
MISSISSAUGA	2360 DIXIE RD	46047	-	95	43 36	79.35	-	9	9	9	9	9	9	0	9	9					
MISSISSAUGA	MEADOW PARK, APPLE LANE C.C.	46117	-	87	43.31	79 36	~	9	9	9	9	9	9	9	9	9					
THUNDER BAY	BOMBARDIER, MONTREAL ST	63046	-	78	48 21	81 68	3	9													
SAULT STE MARIE	PUMPHOUSE, BONNEY ST	71042	_	7.5	46 31	84 23	2	9	9	9	9	9	9	9	9	9				9	
HEARST	FRONT/QUIRION ST	72083	_	06	49 41	83 38	2	9													
TOTALS								53	22	22	22	22	22	22	25	22	=	13	7	9	9
LEGEND																					
TSP - Total Suspended Particulate	Perticulate	Fe - Iron				V - Vanadium	E			S	Sb - Antimony	ony									
Cd - Cadmium		Mn - Manganese	ese			No3 - Nitrate	6				C - Carbon	u(									
Cr - Chromium		Ni - Nickel				SO4 - Sulphate	le			2	RAD - Radiation	ntion									
Cu - Copper		Pb - Lead				Cl - Chlorine															

ELEV - AIR INTAI	ID - STATION ID — YR - YEAR MONITORING BEGAN; ELEV - AIR INTAKE HEIGHT ABOVE GROUND (METERS)	AN; FERS)	LAT-	LATIT	FUDE(DI	LAT - LATITUDE(DEGREES:MINUTES); LONG - LONGITUDE(DEGREES:MINUTES) TYPE = A:AMBIENT SURVEY; I = SOURCE SPECIFIC SURVEY	NUTES);	LONG CE SPE	- LON	GITUE	)E(DEC	GREES	MINC	JTES)			
							ELEV										
CIFY	STATION NAME	GI II	, v	Type	LAT	LONG	(M)	=	Cu	Fe	Ma	Pb	ð	P.3	>	Z	SO4
WINDSOR	WRIGHT/WATER STREET	12507	06	-	42.17	82 16	4	٥	9	9	٥	9	4	۷	٠		
WINDSOR	467 UNIVERSITY AVE WEST	12508	68	<	42 19	83 02	00	9	9	9	9		9	9	0 0	0 4	= 4
WINDSOR	3665 WYANDOTTE ST. E.	12513	26	-	42.19	83 00	9	9	9	9			9	0 0	0 0	0 0	9
SARNIA	61H LINE, MOORE TWP	14550	16	-	42 58	82 24	3	9	9	9	9	9	9	9	9	. 0	9
SARNIA	CENTENNIAL PK/FRONT STREET	14564	97	<	42 59	82 24	3	9	9	9	9	9	9	9	9	9	9
NOUNO	900 HIGHBURY AVE EAST	15525	06	<	42 57	81 13	4	9	9	٥	c	9	9	<	2		4
VANTICORE	WALPOLE S.P.S., SANDUSK RD	22304	92	-	42 50	80 02	4	9	9	9	. 9	9	9	9	. 4	9	9
ST CATHARINES	KING ST	27108	16	-	43.10	79.15	12	9	9	9	9	9	9	9	9	9	9
HOROLD	185 QUEEN ST. SOUTH	27152	06	-	43 07	79 12	-	9	9	9	9	9	9	9	9	9	9
IAMILTON	ELGINKELLY STREEF	29300	06	<	43.15	79 52	4	9	9	9	9	9	9	9	9	9	9
HAMILTON	BEACHBLYD	29302	68	-	43 17	79 47	4	ç	c	٠	9		9	3	2	4	4
IAMILTON	GERTRUDE/DEPEW STREET	29313	06		43.15	79 49	4	9	9	9	9	9	9			0	
HAMILTON .	BUCHANAN PARK P.S.	29324	92	-	43 14	79 53	4	9	9	9	9	9	9	ے :	9		. 4
ORONTO	BAY ST /GROSVERNOR AVE	11127	68	<	43.40	79 23	3	9	9	9	9	ی	9	9		. 9	ې د
TOBICOKE	EVANS/ARNOLD AVENUE	35127	06	<	43.17	79.31	-	9	9	9	9	9	9	9	9	9	9
OAKVILLE	IMONTE RDAVOBURN CRES	44127	92	-	43.24	79 44	~	0	c	0	9	9	9	4		4	4
MISSISSAUGA	MEADOWOOD PK, APPLE LANE C.C.	46127	93	V	43 31	79 36	-	9	9	9	٥	9					
CORNWALL	MEMORIAL PK, BEDFORD/THIRD STS	18098	92	<	45.01	74 44	T	9	9	9	9	9	9	9	9	9	9
ORT FRANCES	250 CHURCH STREET	62135	92		48 36	9123	6	9	9	9	9	9	9	9	9	9	9
HUNDER BAY	615 JAMES ST. SOUTH	63201	8.0	<	48 23	89 17	4	9	9	9	9	9	9	9	9	9	9
SAULT STE MARIE	PUMPHOUSE, BONNEY STREET	71142	89	-	46 11	84 23	~	9	9	9	9	٥	٠	2	٠	4	4
SAULT STE MARIE	W. M. MERRIFIELD SCHOOL	71368	06	<	46 12	84 21		9	9	9	9	9	9	9	9		9
SUDBURY	LISGAR ST	77326	16	<	46.29	80 59	œ	9	9	9	9	9	9	9	9	ی د	9
OPPER CLIFF	MARKETSTREET	77570	96	-	46 38	81 04	4	9	9	9	9	9	٥	9	9	9	9
IOTALS:								24	24	24	24	24	24	24	24	2.4	24
	Notes: Sampters operate on a 6-day sampling cycle	rcle															
	LEGEND:																
	IP - Inhalable Particle	Cr - Chromium			50	SO4 - Sulphate											
	Cu - Copper	Cd - Cadmium			3	Pb - Lead											
	Fe - Iron	V - Vandium															

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TABLE 4 ONTARIO METEOROLOGICAL NETWC ID-STATION NUMBER YR. YEAR MONITORING BEGAN LATTOR ORGERESMINDIES) LONG-LONGHODE (DEGREESMINULES)

Notification         Windpowner St.         Total St.         \$1.00.0 </th <th></th>															
Notify the they are shaded by the part   1912   1912   1913   1914   1	Vindsor	Wright/Water St	12007	8:1	42.17	82 16	-	. 01	<b>:</b>	40			÷	<u>(-</u>	
First Clott Fundament Costs   First Fundament Costs Fundament Costs   First Fundament Costs   First Fundament Costs Fundament Costs Fundament Costs   First Fundament Costs Fundament Costs Fundament Costs   First Fundament Costs Fundament Costs Fundament Costs Fundament Costs   First Fundament Costs Fundament Costs Fundament Costs Fundament Costs   First Fundament Costs	erlin	MOE Water Pump Stn, Middle Rd	13021	77	42.15	82 13	-	6							
Proc.   Proc	ourtright	Hwy 40 (OPP Lambton GS)	14016	75	42.48	82 29	1	01	_	30	1	06	-	<u>_</u>	-
The Commissioners St (Efec Plans)	arkhill	Puc Budding	15013	8.3	43.10	81 41	-	10							
The control of the	nopuo	800 Commissioners St (Effw Plant)	15018	86	42.57	81 13	-	25							
Hydro MAT Crowner Station   1907   77   78   44118   71   10   7   10   7   10   7   10   10	eachville	26 Vine Street (MOE Trailer)	17015	6.80	43.04	15 08	-	6							
Projected Part   Product (Note Nectocided)   27901   879   4234   8021   7   10   0   7   85     Propriect Part   Product (Note Nectocided)   27901   879   4234   8023   7   10   0   7   85     Productive State (Note Nectocided)   27901   87   4138   8023   7   10   1   7   7   7     Productive State (Note Nectocided)   27901   87   4138   8723   7   10   7   7   7   7     Productive State (Note Nectocided)   27901   87   4138   7794   7   7   7   7   7   7   7     Productive State (Note Nectocided)   27901   87   4138   7794   7   7   7   7   7   7   7   7     Productive State (Note Nectocided)   27902   87   4138   7794   7   7   7   7   7   7   7   7   7     Productive State (Note Nectocided)   27902   87   4138   7794   7   7   7   7   7   7   7   7   7	verton	Brice GS Weather Station	18017	70	44.18	81.35	-	10	_	30			1	_	-
Franciscial Park   Proposition   Propositi	rvis	Hydro Mct Tower (2Km Ne Jarvis)	22883	8.4	42.54	80 08	-	01			⊢	580	-		
Cold-field New	ong Point	Provincial Park	22901	7.9	42.35	80 23	Τ	10			T	88	-		
Clyde Road   20056   91   4138   802.9   7   90   7   101	anticoke	Ramham Road (Near Stelco Gate)	22907	68	42.48	80.04	-	10							
Franciscuer's Stateon Higkmay AS   23011 81 4104 7014 1	mbridge	Clyde Road	26066	16	43.38	80 29	-	30							
No.   Hamppon/Nockhead   29926   74   4115   7446   7   7   7   7   7   7   7   7   7	fanburg	Transformer Station Highway 58	27011	83	43.04	79 11	-	10	Η	3.7			_	Ļ	
Il Chee   Pacific According   1951   1952   1954   1955   1954   1955   1954   1955   1954   1955   1954   1955   1954   1955   1954   1955   1954   1955   1954   1955	amilton	N Brampton/Woodward	29026	75	43.15	79 46	-	10	-	30	H	91	÷	1	⊢
Pentilitaskin (Janucian Transfec)   11120   82   43 46   79 27   7   18   79 54   7   18   79 54   7   19   19	amilton	JI Case	29531	96	43 29	70 55	_	01	1						
Perit/Kishkin (Junction Triangle)   31120   82   4146   7927   Γ   18   19   1   76   18   18   19   19   19   19   19   19	pronto	Brace Ps. 51 Larchmount Avenue	31045	75	43.39	79.25	-	21							ı
Parameter   Lawrence Recorded Avec   31001   75   4145   7916   T   12   79   79   79   79   79   79   79   7	pronto	Perth/Rushin (Junction Triangle)	31120	82	43 40	79 27	-	8							
Exame/Aronel A Avenue   359.31   75   4.17   7.91	arhorough	Lawrence/Kennedy Ave.	33003	75	43.45	79 16	-	12			Г	16	-	Ļ	
Highway 47 Reach Shoule Rived   44018   79   4419   7948   7   10	obicoke	Evans/Arnold Avenue	35033	7.5	43 37	16 64	Ξ	10	-	30	1	16	Τ	F	_
Highway 4   East Of Highway 4   4905   82   4358   7916   7   10	relington	HWY 2/ North Shore Blvd	44008	79	43 19	79 48	L	01							
te Highway 47 Etat Of Highway 48 48002 82 43 58 70 16 T 10  Highway 47 Etat Of Highway 48 52020 76 44 14 76 11 T 10  Manical District Conwall Avenue 62047 90 48 37 92 57 T 10  Water Town Street Conwall Avenue 62047 90 48 37 92 57 T 10  Manical District Stool 62040 63 63 64 64 18 82 T 10  Manical District Stool 62040 63 63 64 64 18 82 T 10  Manical District Stool 62040 70 64 82 48 87 88 15 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 82 89 19 T 10  Manical District Stool 62040 70 64 80 80 80 80 80 80 80 80 80 80 80 80 80	akviffe	Bronte Road/Woburn Crescent	44015	80	43 24	79 44	T	01							
tes Hammand Pank Memoral Me	ouffyille	Hichway 47 Eact Of Hichway 48	48002	60	43 58	91 62	+	01							
National Park   Storage	neston	133 Dalton Ave	\$2020	76	44 14	76 31	-	10							
State   Eaglith Street/Conwall Avenaue   Gi027   84   4947   9250   T   18	rnwall	Memoriaal Park	\$6051	\$ 80	45 01	74 44	_								
Page	ryden	35 Van Horne Avenue	61027	95	49 47	92 50	⊢	18					_		
where Trover         Goods of States (Goods of States)         48 47         86 23         T         8           ay         Statestion Center         Goods of States (Goods of States)         82         48 57         88 15         T         15           3ay         Fort William         Goods of States (Goods of States)         48 47         88 15         T         16           3ay         Fort William         Good of States (Goods of States)         48 43         87 1         10           Addie         Wm Merrifield School         7108         87         46 22         87 17         10           Addie         Umm Merrifield School         72013         96         49 41         83 38         7         10           Addie         Gispewa St         7500         87         46 32         87 27         7         10           Addie         Gispewa St         7500         87         46 39         87 7         7         10           Addie         Addie         83 38         7         10         7         115           Addie         Addie         83 38         7         10         7         115           Addie         Addie         80 37         7         6	ort Frances	Eighth Street/Cornwall Avenue	62047	06	48 37	93 25	1	10					-		
ay         Recretation Center         6,0984         8.2         48.57         88.15         T         15           ay         Si Matini School         6,0126         9.4         48.47         8.15         T         10           Bay         MOT 613 James Sirect South         6,126         9.6         48.22         8.9 17         T         10           Adair         Wm         Merrifield School         71068         8.7         46.32         8.12         T         10           Adair         University         11 School         48.22         8.9 17         T         10           Adair         Chippewa Si         7.2113         9.6         49.41         83.38         T         10           A Chippewa Si         7.2010         8.7         46.39         8.7         T         10           A Chippewa Si         7.2010         8.7         46.39         8.0         7         10           A Chippewa Si         7.2010         8.7         46.39         8.0         7         6         115           A LEGENIS         A LEGENIS         111.3 Sephson Recitors Annual Control Ball         11.5         6         7         6         115           A LEGE	arathon	Water Tower	63033	78	48 43	86 23	<b>-</b>	90							
ay         SI Muttin School         61900         81         4847         8705         T         12           Bay         Fort William         63126         94         48.24         87         7         10           Mutic         VM Mortified School         700         48.22         87         7         10           Mutic         Unit Crispowa Si         75010         87         46.12         87         7         10           V         Chippewa Si         75010         87         46.19         79.27         7         10           V         Chippewa Si         75010         87         46.19         79.27         7         10           V         Chippewa Si         7701         46.28         81.00         7         10         7         115           LECENIX         LECENIX         111.2 Sephon Sized         172.25         90         46.28         81.00         7         6         7         115           IND SPEED AND DIRECTION 3.2 M         HIT2 - SENSOR HEIGHT (METERS) LEVEL 2.         1         6         7         1           MUSPEED AND DIRECTION 3.2 M         HIT3 - SENSOR HEIGHT (METERS) LEVEL 2.         7         8         8	ed Rock	Recreation Centre	63084	82	48 57	88 15	-	1.5							
say         Fort William         63126         94         4824         8910         T         10           Bay         Mort of 61 Januars Street South         6320         90         4822         8917         T         10           Muire         Wm Merrifeld School         71068         87         4632         87         T         10           V         Chippewa Sr         7201         87         4619         7927         T         10           V         Chippewa Sr         7201         87         4619         7927         T         10           V         Chippewa Sr         7202         80         7         10         T         115           V         Chippewa Sr         7201         82         80         7         10         T         115           FEERING         FEERING         7201         80         7         6         7         115           IND SPEED AND DIRECTION 32M OF 34         1111 - SENSOR HEIGHT (METERS) LEVEL 2         8         7         6         7           IND SPEED AND DIRECTION 32M OF 34         1113 - SENSOR HEIGHT (METERS) LEVEL 2         8         7         6         7	гтасе Вау	St Martin School	06069	81	48 47	87 05	1	12					H		
Bay         MOT 615 James Street South         63200         90         48.22         89.17         T         10           Marie         Wm Merrifeld School         71068         87         46.32         84.21         T         10           V         Chippeas St         72113         96         49.41         83.38         T         10           V         Chippeas St         73013         82         46.39         80.57         T         10           V         CKNC-TV, 699 Food Road         77013         82         46.39         80.57         T         10           LACENIX.         T412 Stephen Street         77025         73         46.39         81.00         T         6           LACENIX.         HT1 - SENSOR HEIGHT (METERS) LEVEL 1         7         6         T         115           NB SPEED AND DIRECTION 32 M         HT1 - SENSOR HEIGHT (METERS) LEVEL 2         1         6         T         6           NB SPEED AND DIRECTION 32 M         HT1 - SENSOR HEIGHT (METERS) LEVEL 2         8         1         6         7         1	hunder Bay	Fort William	63126	94	48 24	61 68	Τ	01							
Marie         Wm Merrifeld School         71068         87         46.92         84.21         T         10           V         Chippeas St         72113         96         49.41         81.38         T         10           V         Chippeas St         75013         87         46.19         87.27         T         10           I Janeer         77013         82         46.19         87.27         T         10         T         115           I LAL Stephen Street         77023         73         46.39         81.00         T         6         T         115           IND SPEED AND DIRECTION BECURD BELOW 23 M         HIT1 - SENSOR HEIGHT (METERS) LEVEL 1         1         1         113           MIND SPEED AND DIRECTION 33 M TO 76 M         HIT2 - SENSOR HEIGHT (METERS) LEVEL 2         1         6         7         1         1           MIND SPEED AND DIRECTION 35 M TO 76 M         1173 - SENSOR HEIGHT (METERS) LEVEL 2         8         1	hunder Bay	MOT 615 James Street South	63200	06	48 22	89 17	H	0							
V         Chipperal St         72113         96         4941         8138         T         10           Chipperal St         To Chipperal St         75010         87         4619         7927         T         10           I Hange Feed Road Road         77023         73         4630         8100         T         10         T         115           I LAI Stephen Street         77023         73         46.28         81 00         T         6         T         115           IND SPEED AND DIRECTION BECURD AS AND DIRECTION ABOVE 76 M         HIT - SENSOR HEIGHT (METERS) LEVEL 1         1         1         1           MIND SPEED AND DIRECTION ABOVE 76 M         HIT3 - SENSOR HEIGHT (METERS) LEVEL 2         1         6         7         1         1	nult Ste Marie	Wm. Merrifield School	71068	87	46 32	84 21	L	01					Т		
y         Chippewa SI Library         73010         8.7         46.19         79.27         T         10           CKNC-TV, 699 Encod Road         77025         73         46.39         80.57         T         10         T         115           LECENIL           LECENIL         111.2 Sephson LeGENIL         111.5 SENSOR HEIGHT (METERS) LEVEL.         1         6         T         115           IND SPEED AND DIRECTION 3.3 MT 07.6 M         1172 - SENSOR HEIGHT (METERS) LEVEL.         1         1         1         1           MUIDS SPEED AND DIRECTION 3.3 MT 07.6 M         1173 - SENSOR HEIGHT (METERS) LEVEL.         1         6         7         6         8           MUIDS SPEED AND DIRECTION 3.2 MT 07.6 M         1173 - SENSOR HEIGHT (METERS) LEVEL.         1         6         8	carst	613 Front St	72113	96	49 41	83 38		10							
History   CKNC-TV, 699 Flood Road   77013   81   4639   8057   T   10   T   115     Hall Stephen Street   77225   91   4630   8100   T   6     LEGEND:   HISTORY STATUS BELOW 23 M   HIT - SENSOR HEIGHT (METERS) LEVEL 1     HIT - SENSOR HEIGHT (METERS) LEVEL 2   HIT - SENSOR HEIGHT (METERS) LEVEL 2     HIT - SENSOR HEIGHT (METERS) LEVEL 2   HIT - SENSOR HEIGHT (METERS) LEVEL 2     HIT - SENSOR HEIGHT (METERS) LEVEL 2   HIT - SENSOR HEIGHT (METERS) LEVEL 2     HIT - SENSOR HEIGHT (METERS) LEVEL 2   HIT - SENSOR HEIGHT (METERS) LEVEL 2     HIT - SENSOR HEIGHT (METERS) LEVEL 2   HIT - SENSOR HEIGHT (METERS) LEVEL 3     HIT - SENSOR HEIGHT (METERS) LEVEL 3   HIT - SENSOR HEIGHT (METERS) LEVEL 3     HIT - SENSOR HEIGHT (METERS) LEVEL 3   HIT - SENSOR HEI	orth Bay	Chippewa St	75010	87	46 19	79 27	į-s	10					_		
CKNC-TV, 699 Froat Road	rdbury	Hanner	77013	8.2	46 39	80 57	(=	10					_		
1412 Stephen Street	udbury	CKNC-TV, 699 Frood Road	77025	73	46 30	81 00	_	01			_	1115	_		_
	udbury	1412 Stephen Street	77225	06	46 28	81 00	T	9					H		
		LEGEND					ļ								
	/SI - WIND SPEEL	O AND DIRECTION BELOW 23 M	HT1 - SENSO	R HEIGHT (N	IETERS) LEVE	L1									
	VS2 - WIND SPEEL	3 AND DIRECTION 23 M TO 76 M	HT2 - SENSO	R HEIGHT (M	IETERS) LEVE	L2									
EM - AMBIENT TEMPERATURE	VS3 - WIND SPEEL	O AND DIRECTION ABOVE 16 M	IIT3 - SENSO	R HEIGHT (N	IETERS) LEVE	L3									
	EM - AMBIENT TI	EMPERATURE													
111 - TEMPERATURE DIFFERENCE ELEVEL 2 MINUS LEVEL 1	TI TEMBERATE	The state of the s													

TABLE 5 Sulphur Dioxide (SO<sub>2</sub>) Statistics (1997) Unit: parts per billion (ppb)

# of times above

				D F	E R C	E	T	TILE	S		Maximum	mnm		Criteria	
17 17 17	;;;	Location	Valid hrs 10%		30%	%0%	%0.	%06	%66	Mean	==	24h	41	24h	13
# UIS	- 11	Weight/Water St	8610	2	~	∞	12	24	54	6.01	129	43.5	0	0	0
12007	Windsor	Wilgin water St.	8551	0	2	4	7	17	39	6.7	77	32.0	0	0	0
12008	Windsor	46/ University Av w	0292	0	4	7	13	28	98	12.5	543	131.1	12	-	0
12016	Windsor	There's College's South St.	7953	2	4	٧.	∞	16	69	8.5	196	55.3	0	0	0
14016	Courtright	Hwy40 (Off Lambon Co)	8576	0	_	2	2	20	108	8.7	245	83.3	0	0	0
14064	Sarmia	Continual I.A. Homo of Traces	9626	0	-	7	3	9	13	2.5	49	13.0	0	0	0
15025	London	South production of the Area	8670	0	-	-	7	S	13	2.0	37	16.5	0	0	0
18007	Tiverion	Concession Kd 2 Lot A	8340	-		7	3	7	17	3.2	71	18.2	0	0	0
22071	Sincoe	Experimental Fairi	8733		-	2	4	Ξ	34	4.4	148	28.6	0	0	0
22086	Nanticoke	Cheapside Kd(3 Min S of flwy 3)	8115	· 0		2	3	9	18	2.7	83	17.3	0	0	0
22901	Long Point	Frouncial Fair	2181	-	~	4	7	15	35	INS	92	18.2	0	0	INS
22904	Nanticoke	Walpole S Ps Sandusk Kd	8579	٠ .		. 2	· •	12	40	5.0	122	52.1	0	0	0
22907	Nanticoke	Kamham Ku (Near Steleo Gate)	6168	-		2	6	7	16	3.1	52	20.0	0	0	0
26060	Kitchener	West /Ave/Homewood	8383		2	4	7	13	25	5.8	47	26.0	0	0	0
27067	St Catharines	Argylo Cres (Pump 5m)	0743	-	1 (	. 4	. 9	14	36	5.8	83	23.2	0	0	0
29000	Hamilton	Elgin/Kelly St	5000		1 0	. 4	9	14	38	0.9	101	24.8	0	0	0
29025	Hamilton	Ваноп/ Wentworth	1679				=	33	8	12.1	165	65.2	0	0	0
29102	Hamilton	467 Beach Blvd	1969		÷ (	0 6		10	31	5.2	62	28.2	0	0	0
29114	Hamilton	Vickers Rd/East 18Th St	8387	- 0	۷ (	י ר	2	1 0	25	4.9	09	16.9	0	0	0
29118	Hamilton	Main St W/Hwy403	7759	0	7	ο.	o \	7 9	6	6.3	20	216	C	0	0
31303	Toronto	Toronto (Osgoode)	8443	-	en .	4	٠ د	01	17	2,0	3,7	16.1		0	0
33003	Scarborough	Lawrence/Kennedy	8339	7	m	4	ç	01	2 :	7.0	5	10.1	> <		0
34020	North York	Hendon Ave (Yonge/Finch)	8256	-	7	3	n	5	17.	4.4	+ 1	1.7.1	0 0		0
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8346	7	3	4	<b>^</b>	6	21	4.9	130	10.4		0 0	° C
35033	Etobicoke	Evans/Amold Av	8958	2	3	4	9	10	21	5.2	4/	20.3	0 0	0	
36030		Clearview IIt. GS/Keele St	8460	-	2	4	9	10	28	5.2	95	22.4	0 0	0 0	0 0
44008	Burlington	Hwy2/North Shore Blvd E	8478	2	3	4	9	6	21	5.1	09	8.61	0	0 0	0 0
44015		Bronte Rd/Woburn Cres	8662	-	2	3	2	10	24	4.8	89	19.3	0	0	
45025		Ps Ritson Rd/Olive Av	8496	-	2	4	9	6	19	4.6	200	17.0	0 (	0 0	INIC
46110		Queensway W/Hurontario St	2491	2	3	4	9	10	22	INS	44	19.6	n ¢	0 0	CNI
46117		Meadow Pk. Apple Lane Club	0898	-	2	3	4	œ	20	3.8	47	18.0	0	0 0	0 0
48002		IIwy47/E of IIwy48	6048	-	2	2	4	9	15	3,3	84	12.7	0	0	o «
49010		Hwy 117/Paint Lake Rd	8493	0	0	-	2	3	10	1.4	99	18.7	0	0 (	0 0
51001		Mcd Gds, Rideau/Wurtemburg St	8632	2	>	9	7	10	18	6.3	19	17.6	0	0	0

TABLE 5 Sulphur Dioxide (SO<sub>2</sub>) Statistics (1997)

Unit: parts per billion (ppb)

				d	E R	PERCENTILES	TI	LE	S		Maxi	Maximum		Criteria	
Stn #	Stn # City	Location	Valid hrs 10% 30%	10%	30%	20%	20%	%06	%66	70% 90% 99% Mean	1h	24h	1h	24h	1y
56051	Cornwall	Memorial Pk Bedford/Third	8760	0	-	2	4	∞	34	3.9	141	39.6	0	0	0
62045	Int'l Falls	US Customs Bldg	8662	0	0	0	0	0	2	0.1	55	5.0	0	0	0
63200	Thunder Bay	MOT 615 James St S	8613	0	0	0	0	_	9	0.4	28	3.8	0	0	0
8901/	Sault Ste Marie	Wm. Merrifield School	8707	0	0	0	1	4	34	2.1	81	26.7	0	0	0
71077	Wawa	Superior Ave/Tamarack Ave	8270	0	0	0	0	2	98	2.9	467	8.79	14	0	0
77012	Sudbury	Skead	6898	0	_	2	3	6	98	5.9	526	79.3	9	0	0
77013	Sudbury	Hanner	8729	0	0	1	2	4	52	2.9	246	41.8	0	0	0
77016	Sudbury	Water Tank Ash St	8746	0	_	-	3	15	74	6.1	359	46.8	00	0	0
77028	Coniston	Government Rd/Edward St	8741	0	0	-	2	7	82	4.4	550	0.89	4	0	0
27065	Garson	Falconbridge Bd	8505	0	0	-	2	00	59	4.1	360	38.6	2	0	0
77075	New Sudbury	Kennedy St	0698	0	0	1	2	6	89	4.7	320	49.7	2	0	0
96022	Sudbury	Long Lake Rd (Villa Loyola)	8731	0	-	-	3	00	73	4.7	493	51.3	2	0	0
77201	Sudbury	Mikkola (J. Hamilton School)	8710	0	0	_	2	2	62	3.7	594	68.2	3	0	0
77203	Sudbury	Science North	8586	0	0	1	2	9	59	3.5	256	61.3	_	0	0
20077	Bayside	St Laurent/Regional Rd	8751	0	0	-		4	27	1.9	379	32.7	-	0	0
77218	Copper Cliff	Market St	8998	0	0	-	2	10	96	6.1	1170	101.8	15	1	0
77225	Sudbury	Robinson School	4235	0	0	-	2	∞	73	INS	396	63.4	2	0	INS
0000	6.0000		9646	<	c	-	c	ľ	0.9	3.0	735	902	٧	0	0

Table 6 Suspended Particles (SP) Statistics (1997) Unit: COHS/1000 FT

				۵	<u> </u>	<u></u>	E		U.		Ma	Maximum	# of times above	times abo
Stn	City	Location	Valid hrs	10%					%66	Mean	11	24h	24h	11y
12008	Windsor	467 University Av W	8636	0.0	0.1	0.1	0.2	0.3	0.7	0.15	5.6	0.74	0	0
12016	Windsor	College/South St	8672	0.1	0.1	0.2	0.3	0.5	1.1	0.25	2.7	68.0	0	0
14064	Samia	Centennial Pk, Front SUCn Tracks	8265	0.0	0.1	0.1	0.2	0.4	0.7	0.18	1.2	0.63	0	0
15025	London	900 Highbury Ave.	8193	0.0	0.1	0.1	0.2	0.3	9.0	0.17	1.2	0.51	0	0
22907	Nanticoke	Rainham Rd (Near Stelco Gate)	8310	0.0	0.1	0.1	0.2	0.4	9.0	0.16	1.6	0.56	0	0
26060	Kitchener	West Ave/Homewood	8633	0.0	0.1	0.1	0.2	0.3	9.0	0.18	2.1	0.57	0	0
27067	St Catharines	Argyle Cres (Pump Stn)	8119	0.0	0.1	0.2	0.2	0.4	8.0	0.20	2.0	0.79	0	0
29000	Hamilton	Elgin/Kelly St	8730	0.1	0.2	0.2	0.4	0.7	1.6	0.33	3.8	1.23	2	0
29025	Hamilton	Barton/Wentworth	7494	0.1	0.2	0.3	0.4	9.0	1.3	0.32	4.7	1.09	2	0
29102	Hamilton	467 Beach Blvd	8180	0.1	0.2	0.3	0.5	6.0	1.7	0.42	4.6	1.27	7	0
29114	Hamilton	Vickers Rd/East 18Th St	8324	0.0	0.1	0.2	0.2	0.4	1.0	0.21	3.7	0.77	0	0
29118	Hamilton	Main St W/Hwy403	8636	0.1	0.1	0.2	0.3	9.0	1.3	0.28	2.5	1.04	-	0
29531	Hamilton	Ji Case	8000	0.1	0.2	0.3	9.0	1.2	2.5	0.51	4.8	2.58	29	-
29547	Hamilton	Pier 25	3800	0.0	0.0	0.2	0.5	6.0	1.9	INS	3.4	1.43	2	INS
29561	Hamilton	Hamilton - Homeside	8354	0.0	0.1	0.2	0.3	9.0	1.2	0.28	2.7	98.0	0	0
31303	Toronto	Toronto (Osgoode)	8436	0.1	0.2	0.3	0.4	0.7	1.2	0.35	2.3	0.83	0	0
33003	Scarborough	Lawrence/Kennedy	8389	0.1	0.2	0.2	0.3	0.5	1.1	0.28	1.9	0.81	0	0
34020	North York	Hendon Ave (Yonge/Finch)	8452	0.1	0.1	0.2	0.3	9.0	1.1	0.28	3.0	0.79	0	0
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8574	0.1	0.1	0.2	0.3	0.5	1.1	0.26	2.5	98'0	0	0
35033	Etobicoke	Evans/Amold Av	8578	0.1	0.2	0.3	0.4	0.7	1.3	0.36	4.2	0.93	0	0
36030	York	Clearview Ht. GS/Keele St	8472	0.1	0.1	0.2	0.3	9.0	1.4	0.29	3.3	0.79	0	0
14008	Burlington	Hwy2/North Shore Blvd E	8534	0.1	0.1	0.2	0.4	9.0	1.1	0.30	2.1	0.92	0	0
44015	Oakville	Bronte Rd/Woburn Cres	8628	0.0	0.1	0.2	0.3	0.4	6.0	0.22	4.3	0.86	0	0
45025	Oshawa	Ps Ritson Rd/Olive Av	8485	0.0	0.1	0.2	0.3	0.5	1.0	0.24	4.9	69.0	0	0
46110	Mississauga	Queensway W/Hurontario St	8299	0.1	0.2	0.3	0.4	9.0	1.3	0.32	2.7	0.94	0	0
51001	Ottawa	Mcd Gds, Rideau/Wurtemburg St	8590	0.0	0.1	0.1	0.2	0.3	0.7	0.16	9.1	0.52	0	0
52020	Kingston	133 Dalton Ave.	9298	0.0	0.1	0.1	0.2	0.4	6.0	0.16	3.1	89.0	0	0
56051	Cornwall	Memorial Pk Bedford/Third	8760	0.0	0.0	0.1	0.1	0.2	9.0	0.11	1.5	0.74	0	0
62200	Fort Frances	Robert Moore PS	8548	0.0	0.0	0.1	0.1	0.2	0.5	0.09	2.0	0.36	0	0
63200	Thunder Bay	MOT 615 James St S	8250	0.0	0.1	0.1	0.2	0.4	6.0	0.17	1.7	0.67	0	0
71068	Sault Ste Marie	Wm. Merrifield School	8476	0.0	0.1	0.1	0.3	0.5	1.1	0.22	2.8	0.79	0	0
75010	North Bay	Chippewa School	8703	0.0	0.0	0.1	0.2	0.3	8.0	0.15	1.5	0.55	0	0
77203	Sudbury	Science North	8516	0.0	0.0	0.1	0.2	0.3	9.0	0.12	1.6	0.47	0	0

TABLE 7 Total Reduced Sulphur (TRS) Statistics (1997) Unit: parts per billion (ppb)

Exceedances of

	į		;		E R (	CE	E	ILE	S		Max	Maximum	Pulp Mill Criterion
Stu#	City	Location	Valid hrs	10%	30%	50%	70%	90%	99%	Mean	=	24h	Th
12007	Windsor	Wright/Water St	8615	0	0	0	-	3	10	1.0	31	8.01	3
12016	Windsor	College/South St	7955	0	0	-	-	4	19	1.6	129	28.0	30
14064	Sarnia	Centennial Pk, Front SVCn Tracks	8492	0	0	0	0	,	3	0.2	39	3.5	1
18007	Tiverton	Concession Rd 2 Lot A	8674	0	0	0	0	0	-	0.1	2	1.0	0
22904	Nanticoke	Walpole S Ps Sandusk Rd	8456	0	0	0	-	-	4	0.4	14	3,4	0
22907	Nanticoke	Rainham Rd (Near Stelco Gate)	8513	0	0	0	_	2	10	8.0	32	11.7	2
29000	Hamilton	Elgin/Kelly St	7185	0	0	-	-	2	∞	1.0	32	7.0	2
29025	Hamilton	Barton/Wentworth	8257	0	0	_	-	2	9	6.0	33	4.9	1
29102	Hamilton	467 Beach Blvd	1777	0	П	2	3	7	17	2.7	52	15.6	21
29114	Hamilton	Vickers Rd/East 18Th St	8661	0	0	0	-	-	5	9.0	20	0.9	0
29118	Hamilton	Main St W/Hwy403	8648	0	0	0	_	2	9	8.0	35	5.0	1
29531	Hamilton	Ji Case	7904	0	0	_		5	19	1.9	48	18.0	29
29547	Hamilton	Pier 25	2609	0	0	_	2	9	20	2.3	61	15.7	28
44015	Oakville	Bronte Rd/Woburn Cres	8642	0	-	-	2	2	4	1.3	00	4.5	0
46117	Mississauga	Meadow Pk, Apple Lane Club	8571	0		-	-	1	2	8.0	>	2.2	0
56051	Cornwall	Memorial Pk Bedford/Third	8760	0	-	2	2	4	00	2.0	1117	9.4	∞
20068	Cornwall	School 435 Second St W	8563	0	_	3	9	6	18	4.1	53	17.2	6
61027	Dryden	35 Van Horne Av	8621	0	0	0	0	1	12	9.0	09	16.3	10
62030	Fort Frances	Portage/Church St	8720	0	0	0	-	œ	31	2.6	131	25.2	117
62032	Fort Frances	Cemetery, Colonization Rd W	8571	0	0	0	0	2	6	9.0	99	9.3	6
62045	Int'l Falls	US Customs Bldg	8515	0	0	0	-	9	24	1.9	122	21.1	62
62047	Fort Frances	Eighth St/Cornwall Ave	8400	0	0	0	-	7	40	2.5	148	43.1	188
62200	Fort Frances	Robert Moore PS	8735	0	0	0	0	2	15	1.1	135	15.3	44
63033	Marathon	Water Tower	8544	0	0	0	0	0	3	0.2	19	2.3	0
63046	Thunder Bay	Can-Car Montreal St	8713	0	0	0	0	3	17	1.1	107	10.5	27
63084	Red Rock	Recreation Centre	8509	0	0	0	0	4	27	1.6	80	29.8	83
63090	Terrace Bay	St Martin School	8702	0	0	0	0	3	16	1.0	72	8.8	29
63092	Тепасе Вау	Terrace Heights Dr	8460	0	0	0	0	2	33	1.6	218	26.3	129
63200	Thunder Bay	MOT 615 James St S	8539	0	0	0	0	0	3	0.1	15	3.1	0
71068	Sault Ste Marie	Wm. Merrifield School	8555	0	0	0	0	_	7	0.3	28	6.9	
77203	Sudbury	Science North	8548	0	0	0	0		-	0.3	2	1.2	0

TABLE 8 Carbon Monoxide (CO) Statistics (1997) Unit: parts per million (ppm)

City         Location         Valid hrs         10%         30%         50%         70%         90%         Mcan         11         8h           Windsor         4 G7 University Av W         8642         0         1         1         1         2         6         8         2.5           Samia         Centennial Pk, Front St/Cn Tracks         8638         0         0         0         1         1         1         0         4         2.5           London         900 liighbuty Ave.         8539         0         0         0         0         1         1         0         2         4         2.5           Kitchener         West Ave/Homewood         8561         0         0         0         0         0         0         1         1         0 </th <th></th> <th></th> <th></th> <th></th> <th>Д</th> <th>R</th> <th>PERCENTILES</th> <th>H</th> <th>ITI</th> <th>S</th> <th></th> <th>Max</th> <th>Maximum</th> <th>Č</th> <th>Criteria</th>					Д	R	PERCENTILES	H	ITI	S		Max	Maximum	Č	Criteria
Cuty         Act University Av W         8642         0         1         1         2         0.6         8         2.5           Samia         Centemial Pk, Front SVCn Tracks         8638         0         0         0         1         1         0.2         4         2.2           London         300 Highbury Ave.         8539         0         0         0         1         1         0.2         4         2.2           Kitchener         West Ave/Humewood         8361         0         0         0         1         1         0.2         4         1.6           St Catharines         Argyle Cres (Pump Stn)         8381         0         0         0         0         1         1         0.2         4         4         2.2           St Catharines         Argyle Cres (Pump Stn)         8381         0	270		Location	Valid hrs	=	30%	50%	20%	%06	%66	Mean	111	8h	1h	8h
Windsor         40 / Divinesity An V. W.         8638         0         0         0         1         1         0.2         4         2           London         90 Highbury Ave.         8350         0         0         0         1         1         0.3         4         1           Kitchener         West Ave/Homewood         8351         0         0         0         1         1         0.3         4         1           Kitchener         West Ave/Homewood         8361         0         0         0         1         1         0.3         4         1           StCathener         West Ave/Homewood         8381         0         <	Stn		TOTAL TOTAL AND THE PROPERTY OF THE PROPERTY O	86.47	0	0	-	-	-	2	9.0	∞	2.5	0	0
Samia         Centennial Pk. Front SVCh I Tacks         6030         0         0         0         1         1         0.3         4         1           London         900 Highbury Ave.         8350         0         0         0         1         1         0.2         8         4         1           Kitchener         Wext AverHomewood         8361         0         0         0         1         1         0.0         1         1         0.0         1         1         0.0         0         1         1         0 <td>12008</td> <td>Windsor</td> <td>467 University Av W</td> <td>8100</td> <td></td> <td>-</td> <td>c</td> <td>0</td> <td>-</td> <td>-</td> <td>0.2</td> <td>4</td> <td>2.2</td> <td>0</td> <td>0</td>	12008	Windsor	467 University Av W	8100		-	c	0	-	-	0.2	4	2.2	0	0
London   1000 Highbury Ave.   8350   0   0   0   0   1   1   0.2   8     Kitchener   West Ave/Homewood   8361   0   0   0   0   1   1   0.2   8     Hamilton   ElginKelly St	14064	Sarnia	Centennial Pk, Front SVCn Tracks	0000	> <		0	0	-	-	0.3	4	1.6	0	0
Kitchener         West Ave/Homewood         8361         0         0         0         1         1         0.2         0           St Catharines         Argyle Cres (Pump Stn)         8381         0         0         0         1         1         0.0         0         1         1         0.0         0         1         1         0         <	15025	London	900 Highbury Ave.	8590	0	0	0	>	٠,		0.0	. 0	4.4	0	0
Hamilton   ElgiuKelly St   Hamilton   Hamilton   Main St W/Hwy403   8613   0 0 0 0 1   1 0.1   7 2 2     Hamilton   Main St W/Hwy403   8534   0 0 0 1   1   1   2 0.7   6 2 2     Hamilton   Main St W/Hwy403   8534   0 0 1   1   1   2 0.7   6 2 2     Toronto   Toronto (Osgoode)   8477   1   1   1   2   2 0.6   5 2     Toronto   Toronto (Osgoode)   8427   1   1   1   1   2   3 0.6   5     Scarborough   Lawrence/Kennedy   8522   0 0   1   1   1   2   2 0.6   5     Scarborough   Lawrence/Kennedy   8357   1   1   1   2   2   0.6   5     Edobicoke   Emerest Rd (Centennial Pk)   8356   1   1   1   1   2   2   0.7   5     Edobicoke   Evans/Arnold Av (Yonge/Finch)   8366   1   1   1   1   2   3   0.6   10     Edobicoke   Evans/Arnold Av (Yonge/Finch)   8450   0   0   0   1   1   0   0.4   3     Burlington   Hwy2/North Store Blvd E   8560   0   0   0   0   1   1   0   0.4   3     Ostawa   Rod Gds, Richau/Wurtemburg St   8453   0   0   0   0   1   1   2   2   0.4   9     Cornwall   Memorial Pk Bedicad/Third   8455   0   0   0   0   0   1   0   0   0     Sudbury   Science North	09090	Kitchener	West Ave/Homewood	8361	0	0	0	0	_	_	0.7	0	7	> <	0 0
Hamilton   Elgin/Cally Control   Selfa   Sel	00000	Ca Cathorinon	Armyle Cres (Pump Stn)	8381	0	0	0	0	0	_	0.1	7	2.1	0	0
Hamilton         Digitive Lay 51         Secretor Convergence of Third Conference of Secretor Co	/00/7	or Caunarines	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	8613	0	0	_	-	_	2	0.7	9	2.4	0	0
Hamilton   Main SI W/Hwy403   S134   Common   Main SI W/Hwy404   S134   Common   Tourdin Cosgoodes   S222   Cosarborough   Lawrence/Kennedy   S222   Cosarborough   S2222   Cosarborough   S22222   Cosarborough   S222222   Cosarborough   S222222   Cosarborough   S222222   Cosarborough   S2222222   Cosarb	29000	Hamilton	Eigin/Keily St	0534		C	-	-	-	2	9.0	5	2.5	0	0
Toronto   Toronto (Osgoode)   84477   1   1   2   5   5   5   5   5   5   5   5   5	29118	Hamilton	Main St W/Hwy403	+600	,			-		~	1.2	9	3.6	0	0
Scarborough         Lawrence/Kennedy         8222         0         1         1         2         0.6         5           Nofth York         Hendon Ave (Yonge/Finch)         8367         0         1         1         1         2         0.6         5           Etobicoke         Emercest Rd (Centennial Pk)         8372         1         1         1         2         2         1.0         5           Etobicoke         Evans/Arnold Av         8386         1         1         1         2         3         1.1         5           Hulington         Hwyz/North Shore Blvd E         8560         0         0         0         1         1         3         0.6         10           Oskville         Brothine Rd/Woburn Cres         8668         0         0         0         1         1         0         3         3           Oskville         Brytison Rd/Woburn Cres         8453         0         0         0         1         1         0 <td>31303</td> <td>Toronto</td> <td>Toronto (Osgoode)</td> <td>8477</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>7</td> <td>,</td> <td>4 (</td> <td></td> <td>000</td> <td>0</td> <td>0</td>	31303	Toronto	Toronto (Osgoode)	8477	-	-	-	-	7	,	4 (		000	0	0
North York         Hendon Ave (Yonge/Finch)         8867         0         1         1         2         0.7         5           Evbricoke         Elmcrest Rd (Centennial Pk.)         8372         1         1         1         2         2         1.0         5           Evbricoke         Evans/Arnold Av         8386         1         1         1         2         2         1.0         5           York         Clearview HVKeele St         8490         0         0         1         1         2         3         1.1         5           Burlington         Hwy2/North Shore Blyde         8560         0         0         0         1         1         0         3           Oskville         Bronte Rd/Wobum Cres         8668         0         0         0         1         1         0         3           Oshava         Mcd Gds, Rideau/Wutemburg St         8453         0         0         0         1         1         1         0         3           Comwall         Memorial Pkedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT Gl 5 James St S         8455<	00000	Coehoromah	I astronee/Kennedy	8222	0	0	-	_	-	7	9.0	^	3.9	0	0 (
North York         Intended Ave (Longer med)         8372         1         1         1         2         2         1.0         5           Elobicoke         Emerest Rd (Centernial Pk)         8386         1         1         1         2         3         1.1         5           Elobicoke         Evankar Arnold Av         8386         1         1         1         2         3         1.1         5           York         Cleaview HVEele St         8490         0         0         1         1         3         0.6         10           Jurlington         Hwy2/North Store BlvdE         8668         0         0         0         1         1         0         4         3           Oakville         Bronte Rd/Volent Cres         8668         0         0         0         1         1         0         4         10           Oakville         Bronte Rd/Volent Av         8453         0         0         0         1         1         2         0         0           Outswa         Mcd Gds, Rideau/Wurtemburg St         8455         1         1         1         2         2         1.1         7           Conwall         Memorial	33003	Scarcolougu	II and American	2958	0	0	_	-	-	2	0.7	>	5.0	0	0
Etobicoke         Elmcrest Rd (Centennal RK)         6572         1         2         3         1.1         5           Etobicoke         Evansi/Arnold Av         8586         1         1         1         2         3         1.1         5           York         Cleaview HVKeele St         8490         0         0         1         1         3         0.6         10           Burlington         Hvy2/North Shroe Blvd E         8668         0         0         0         1         1         0.4         3           Oakville         Brotte RW/Woburn Ces         8228         0         0         0         1         1         0.3         3           Oshawa         Ps Ritson RvOlivie Av         8453         0         0         0         1         1         2         0.4         9           Comwall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT GIs James St S         8455         0         0         0         0         0         0         0         0         3         4	34020	North York	Hendon Ave (1 onger men)	0323	-	-	-	-	2	2	1.0	2	3.5	0	0
Etobicoke         Evans/Arnold Av         8386         1         1         2         3         65         10           York         Clearview HVReele St         8490         0         0         1         1         3         65         10           Burlington         Hwy2/North Shore BlvdE         8560         0         0         1         1         0.4         3           Oskville         Brond RAW-bound Cress         8668         0         0         0         1         1         0.3         3           Oshawa         Ps Ritson RAJOire Av         8328         0         0         0         1         1         3         0.4         10           Comwall         Memorial PR Bedford Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT GL5 James SIS         8635         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         1         0         5	35003	Etobicoke	Elmcrest Kd (Centennial PK)	7/00				-	c	7	_	5	3.3	0	0
York         Clearview HVKeele St         8490         0         0         1         1         3         0.0         10           Burlington         Hwy2/North Shore Blvd E         856         0         0         0         1         1         1         0.4         3           Oskville         Bronte Rd/Woburn Cres         8668         0         0         0         1         1         0.3         3           Oshawa         Ps Rison Rd/Woburn Cres         8328         0         0         0         1         1         3         0.4         10           Oshawa         Mcd Gds, Rideau/Wutemburg St         8453         0         0         0         1         1         2         2         1.1         7           Thunder Bay         MOT G15 James St S         8455         0         0         0         0         0         0         0         3         4	35033	Etobicoke	Evans/Arnold Av	8386	-	-	4	-	4	3 (		101	6.0	_	0
Burlington         Hwy2/North Shore BlvdE         8560         0         0         1         1         0.4         3           Oakville         Bronte Rd/Vobum Cres         8668         0         0         0         1         1         0.3         3           Oshava         Ps Risson Rd/Olive Av         8328         0         0         0         1         1         0         1         10           Ottawa         Med Gds, Rideau/Wurtemburg St         8453         0         0         0         1         1         2         0.4         9           Comwall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT 615 James St S         8635         0         0         0         0         0         0         3         4           Sudbury         Science North         8455         0         0         0         0         0         0         0         5	36030	York	Clearview HVKeele St	8490	0	0	0	-	-	20	0.0	01	0.0		
Oakwille         Bronte Rd/Wobum Cres         8668         0         0         0         1         1         0.3         3           Oshawa         Ps Rison Rd/Olive Av         8328         0         0         0         1         1         3         0.4         10           Ottawa         Mcd Gds, Rideau/Wurtemburg St         8453         0         0         0         1         1         2         0.4         9           Conwall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT GIS James St S         8635         0         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         0         0         0         0         5	44008	Rurlington	Hwv2/North Shore Blvd E	8560	0	0	0	-	-	_	0.4	5	8.1	0 0	0
Conval         Psyltson RedOvive Avoire         8328         0         0         1         1         3         0.4         10           Ostawa         Ps Ritson RedOvive Avoire         8453         0         0         0         1         1         2         0.4         9           Conwall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT 615 James 81 S         8635         0         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         0         0         0         5	44014	Onlongton	Bronte Rd/Wohim Cres	8998	0	0	0	0	-	-	0.3	3	1.6	0	0
Optawa         Ps African RePolitive AV           Outawa         Mod Gds, Richeau/Wurtemburg St         8453         0         0         1         1         2         0.4         9           Connvall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT G15 James St S         8635         0         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         0         0         0         5	44015	Oakville	Dione Authorized Autho	8478	0	0	0	-	1	3	0.4	10	6.1	0	0
Ottawa         Med Gds, Kuteau/Wutemourg St         0455         1         1         1         2         2         1.1         7           Cornwall         Memorial Pk Bedford/Third         8755         1         1         1         2         2         1.1         7           Thunder Bay         MOT 615 James St S         8635         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         0         1         0.0         5	45025	Oshawa	FS Kilson Kwonive Av	0.463	-	0	0	-		2	0.4	6	3.0	0	0
Comwall         Memorial PK Estilora Linita         67.5         67.5         7         4           Thunder Bay         MOT 615 James St S         8635         0         0         0         1         2         0.3         4           Sudbury         Science North         8455         0         0         0         0         1         0.0         5	51001	Ottawa	Med Gds, Kideau/wurtemburg st	2766	-	-	-	-	2	2	1.1	7	3.3	0	0
Thunder Bay MOT 615 James 818 8455 0 0 0 0 0 1 0.0 5 Sudbury Science North 8455 0 0 0 0 0 0 1 0.0 5	56051	_	Memorial Pk Bedlord Inite	6618		. 0	0	0	1	2	0.3	4	2.4	0	0
Sudbury Science North 8455 0 0 0 0 0 0 1	63200		MOT 615 James 515	0000	•				0	-	0.0	4	1.6	0	0
	77203		Science North	8455	D	Þ	>	>	>		;				

TABLE 9 Nitrogen Dioxide (NO<sub>2</sub>) Statistics (1997) Unit: parts per billion (ppb)

# 5	S. S	Location	Valid brs	P E	P E R C	E N	T I	T I L E	S 8	S 99% Mean	Maximum		# of times above Criteria	imes above Criteria
12008	Windsor	467 University Av W	8445	11	11 -	11		11 -	55	23.8	82	46.6	0	0
14064	Samia	Centennial Pk, Front St/Cn Tracks	8409	2	6	14	21	34	50	16.9	92	38.8	0	0
15013	Parkhill	Puc Bldg	8437	3	9	00	Ξ	18	34	9.5	69	34.0	0	0
15025	London	900 Highbury Ave.	7946	7	12	16	22	32	50	18.0	92	41.3	0	0
22086	Nanticoke	Cheapside Rd(3 Km S of Hwy 3)	9698	4	5	7	6	15	27	8.3	42	27.0	. 0	0
22901	Long Point	Provincial Park	8241	2	3	4	7	13	26	6.1	49	25.3	0	0
26060	Kitchener	West Ave/Homewood	8282	\$	7	Ξ	17	27	41	13.7	99	41.7	0	0
27067	St Catharines	Argyle Cres (Pump Stn)	8170	9	6	12	16	25	39	13.8	61	31.7	0	0
29000	Hamilton	Elgin/Kelly St	8687	7	12	17	23	32	45	18.6	59	41.4	0	0
29102	Hamilton	467 Beach Blvd	6741	5	12	18	25	34	48	19.1	65	48.3	0	0
29114	Hamilton	Vickers Rd/East 18Th St	8228	\$	00	13	18	31	47	15.4	92	42.8	0	0
29118	Hamilton	Main St W/Hwy403	8152	7	12	17	24	36	54	19.5	87	54.0	0	0
31303	Toronto	Toronto (Osgoode)	8410	18	24	30	37	49	69	31.7	108	66.2	0	0
33003	Scarborough	Lawrence/Kennedy	8361	6	91	22	29	39	56	23.4	81	43.8	0	0
34020	North York	Hendon Ave (Yonge/Finch)	8459	2	11	19	27	38	55	20.2	81	48.6	0	0
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8499	12	18	25	32	45	62	26.7	86	53.9	0	0
35033	Etobicoke	Evans/Amold Av	8617	16	22	28	34	45	61	29.2	87	50.1	0	0
36030	York	Clearview Ht. GS/Keele St	6833	=	16	22	29	39	56	23.9	75	44.0	0	0
44008	Burlington	Hwy2/North Shore Blvd E	8616	4	∞	12	17	25	37	13.2	75	34.6	0	0
44015	Oakville	Bronte Rd/Woburn Cres	8673	6	14	19	25	36	49	20.8	87	42.5	0	0
45025	Oshawa	Ps Ritson Rd/Olive Av	8462	9	10	17	24	34	51	18.6	83	40.5	0	0
48002	Stouffville	Hwy47/E of Hwy48	8498	1	4	9	10	21	35	8.7	55	29.6	0	0
49010	Dorset	Hwy 117/Paint Lake Rd	8627	_	gend	2	3	9	20	3.1	89	22.8	0	0
51001	Ottawa	Mcd Gds, Rideau/Wurtemburg St	8615	1	2	10	16	29	43	12.5	99	36.8	0	0
56051	Cornwall	Memorial Pk Bedford/Third	8463	0	2	2	6	20	42	8.0	100	42.7	0	0
63200	Thunder Bay	MOT 615 James St S	8156	3	9	6	13	26	45	11.7	65	36.5	0	0
71068	Sault Ste Marie	Wm. Merrifield School	8638	-	4	00	13	23	36	10.3	53	29.3	0	0
77203	Sudbury	Science North	6855	1	3	5	∞	16	39	7.4	99	30.2	0	0

TABLE 10 Nitrogen Oxide (NO) Statistics (1997) Unit: parts per billion (ppb)

				Ь	ER	CE	T	LE	S		Max	Maximum
Stn #	City	Location	Valid hrs	10%	30%	20%	70%	%06	%66	Mean	1h	24h
12008	Windsor	467 University Av W	8445	3	9	6	14	36	===	15.9	286	114.7
14064	Sarnia	Centennial Pk, Front St/Cn Tracks	8403	0	2	3	9	16	09	7.0	220	9.29
15013	Parkhill	Puc Bldg	8447	-	-	2	2	4	15	2.3	59	14.5
15025	London	900 Highbury Ave.	7971	0	2	4	7	17	65	7.6	248	73.1
22086	Nanticoke	Cheapside Rd(3 Km S of Hwy 3)	9698	0	-	-	2	4	13	1.7	49	9.3
22901	Long Point	Provincial Park	8243	0	0	0	_	2	10	6.0	70	12.0
26060	Kitchener	West Avc/Homewood	8282	-	-	2	4	11	54	5.5	389	50.7
27067	St Catharines	Argyle Cres (Pump Stn)	8175	_	2	4	7	22	121	10.3	371	100.3
29000	Hamilton	Elgin/Kelly St	8687	-	2	5	6	25	86	10.8	405	67.1
29102	Hamilton	467 Beach Blvd	6742	-	5	13	24	49	125	20.5	304	71.0
29114	Hamilton	Vickers Rd/East 18Th St	8229	0	-	3	2	15	09	6.3	191	47.1
29118	Hamilton	Main St W/Hwy403	8152	-	3	7	91	58	209	22.1	415	124.4
31190	Toronto	CN Tower, 301 Front St W	3433	0	-	-	2	7	31	3.2	272	26.0
31303	Toronto	Toronto (Osgoode)	8411	9	15	24	38	20	154	32.9	355	120.8
33003	Scarborough	Lawrence/Kennedy	8360	3	7	15	26	99	166	24.9	488	172.4
34020	North York	Hendon Ave (Yonge/Finch)	8459	3	4	7	15	39	120	16.3	323	96.5
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8499	-	3	9	14	48	170	18.6	521	99.5
35033	Etobicoke	Evans/Arnold Av	8617	>	12	21	34	17	218	33.8	515	126.1
36030	York	Clearview Ht. GS/Kcelo St	6833	2	2	6	17	51	217	21.9	584	136.6
44008	Burlington	Hwy2/North Shore Blvd E	8616	-	2	2	10	30	111	12.2	309	93.2
44015	Oakville	Bronte Rd/Woburn Cres	8673	4	9	∞	12	32	119	14.9	300	66.3
45025	Oshawa	Ps Ritson Rd/Olive Av	8462	4	9	6	15	36	123	16.4	292	86.0
48002	Stouffville	Hwy47/E of Hwy48	8498	2	2	3	>	11	45	5.9	205	41.1
49010	Dorset	Hwy 117/Paint Lake Rd	8627	-	-	-	-	2	5	1,3	27	6.5
51001	Ottawa	Mcd Gds, Rideau/Wurlemburg St	8615	0	0	-	3	14	70	5.5	362	51.6
56051	Cornwall	PM10 Memorial Pk Bedford/Third	8465	0	0	2	4	12	69	6.1	298	75.5
63200	Thunder Bay	MOT 615 James St S	8156	2	3	4	7	19	83	8.9	318	92.0
71068	Sault Ste Maric	Wm. Merrifield School	8638	0	-	7	2	15	64	6.1	184	34.8
77203	Sudbury	Science North	6855	-	2	3	4	00	54	4.9	170	44.5

TABLE 11 Nitrogen Oxides (NOx) Statistics (1997) Unit: parts per billion (ppb)

Stn #	City	Location	P Valid hrs 10%	P 1	30%	50%	70%	PERCENTILE 1% 30% 50% 70% 90%	8 : 8 :	S 99% Mean		Maximum 1h 24h
12008	Windsor	467 University Av W	8501	16	23	31	43	71	160	39.3	354	159.8
14064	Sarnia	Centennial Pk, Front SUCn Tracks	8405	6	13	19	28	49	101	24.9	266	104.7
15013	Parkhill	Puc Bldg	8445	4	5	7	10	19	40	9.6	124	41.5
15025	London	900 Highbury Ave.	7946	6	14	19	27	46	100	24.4	322	113.1
22086	Nanticoke	Cheapside Rd(3 Km S of Hwy 3)	9698	4	9	00	11	18	36	7.6	78	35.5
22901	Long Point	Provincial Park	8241	2	3	2	7	15	34	6.9	101	37.2
26060	Kitchener	West Ave/Homewood	8282	9	6	14	21	. 37	88	19.2	432	80.9
27067	St Catharines	Argyle Cres (Pump Stn)	8170	6	13	17	24	46	147	24.5	409	118.2
29000	Hamilton	Elgin/Kelly St	8687	6	15	22	33	55	137	29.5	448	106.7
29102	Hamilton	467 Beach Blvd	6742	7	19	33	49	77	156	39.5	352	107.8
29114	Hamilton	Vickers Rd/East 18Th St	8228	7	11	15	23	45	86	21.9	213	85.7
29118	Hamilton	Main St W/Hwy403	8152	10	91	25	42	93	247	42.1	461	157.6
31303	Toronto	Toronto (Osgoode)	8388	26	41	55	75	113	206	64.3	424	178.4
33003	Scarborough	Lawrence/Kennedy	8360	13	25	37	53	92	207	47.5	535	202.5
34020	North York	Hendon Ave (Yonge/Finch)	8459	.00	16	28	44	75	160	36.7	384	132.8
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8499	14	22	32	48	68	211	45.2	597	137.8
35033	Etobicoke	Evans/Arnold Av	8617	22	35	49	29	116	265	62.1	009	154.7
36030	York	Clearview Ht. GS/Keele St	6833	15	23	32	47	88	256	45.9	658	170.9
44008	Burlington	Hwy2/North Shore Blvd E	8616	2	=	17	28	54	136	25.6	340	112.4
44015	Oakville	Bronte Rd/Woburn Cres	8673	12	17	24	35	63	156	32.8	348	101.1
45025	Oshawa	Ps Ritson Rd/Olive Av	8462	10	17	27	40	89	161	34.9	330	111.7
48002	Stouffville	Hwy47/E of Hwy48	8498	4	7	10	16	31	74	14.6	238	68.3
49010	Dorset	Hwy 117/Paint Lake Rd	8646	2	2	3	4	00	23	4.3	71	29.0
51001	Ottawa	Mcd Gds, Rideau/Wurtemburg St	8615	_	9	11	20	42	106	18.0	409	83.8
56051	Cornwall	Memorial Pk Bedford/Third	8465	0	4	7	14	32	102	14.2	396	118.2
63200	Thunder Bay	MTO 615 James St S	8156	2	6	14	21	43	127	20.9	374	122.3
71068	Sault Ste Marie	Wm. Merrifield School	8731	2	5	Ξ	19	39	95	16.7	220	60.3
77203	Sudbury	Science North	6855	4	9	00	12	22	16	12.5	215	74.2

TABLE 12 Ozone (O<sub>3</sub>) Statistics (1997) Unit: parts per billion (ppb)

# of times

				Ь	EC	ENT	TIL	E		Arith.	Max	Maximum	above Criterion
Stn#	City	Location	Valid hrs	10	30	99	70	06	66	Mean	11	24h	1 h
12008	Windsor	467 University Av W	6098	2	00	17	28	44	74	20.7	107	64.1	99
12016	Windsor	College/South St	8576	-	9	14	24	40	69	17.9	105	60.4	30
13021	Merlin	MOE Water Pump Stn Middle Rd	6698	9	17	26	34	49	77	27.0	107	77.0	29
14064	Sarnia	Centennial Pk, Front SUCn Tracks	8536	4	15	24	32	44	70	24.5	105	64.5	1.5
14118	Mandaumin	Concession Rd 26	8353	∞	19	27	35	47	75	27.9	107	69.5	57
15009	Longwoods	Longwoods Conservation	8567	2	16	25	33	47	72	25.9	16	6.85	38
15013	Parkhill	Puc Bldg	8557	00	19	28	35	49	11	28.3	112	76.3	55
15020	Grand Bend	Water Treatment Plant	8565	Ξ	23	31	38	50	80	31.2	146	7.07	78
15025	London	900 Highbury Ave.	8524	4	13	21	29	45	74	22.8	76	76.8	48
18007	Tiverton	Concession Rd 2 Lot A	8663	15	26	32	38	48	77	32.5	146	0.08	63
22071	Simcoe	Experimental Farm	8331	6	19	27	35	20	79	28.6	901	82.3	62
22901	Long Point	Provincial Park	6830	91	27	32	40	28	94	35.2	119	86.8	171
26060	Kitchener	West Ave/Homewood	8571	2	14	22	31	44	89	23.4	88	73.7	20
27067	St Catharines	Argyle Cres (Pump Stn)	8287	-	=	19	27	42	89	20.9	92	65.4	16
29000	Hamilton	Elgin/Kelly St	8706	-	8	15	24	38	99	18.1	88	72.1	15
29114	Hamilton	Vickers Rd/East 18Th St	8683	2	12	21	29	43	73	22.2	100	80.0	30
29118	Hamilton	Main St W/Hwy403	8448	-	00	16	25	38	89	18.6	87	74.5	17
31190	Toronto	CN Tower, 301 Front St W	8558	17	28	35	44	61	68	37.3	119	91.5	188
31303	Toronto	Toronto (Osgoode)	8150	2	9	11	18	28	20	13.7	98	49.1	3
33003	Scarborough	Lawrence/Kennedy	8081	-	7	15	24	39	69	18.0	102	55.1	31
34020	North York	Hendon Ave (Yonge/Finch)	8422	3	11	20	29	42	89	21.6	98	65.2	26
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	8345	3	00	16	26	40	89	19.4	96	65.3	29
35033	Etobicoke	Evans/Amold Av	8528	2	9	14	22	37	70	17.2	105	59.0	39
36030	York	Clearview III. GS/Keele St	8296	2	7	16	25	39	19	18.4	103	56.4	33
44008	Burlington	Hwy2/North Shore Blvd E	8575	3	=	20	28	43	89	21.7	92	6.99	14
44015	Oakville	Bronte Rd/Wobum Cres	8695	2	6	61	28	42	69	20.8	101	71.9	26
45025	Oshawa	Ps Ritson Rd/Olive Av	8547	4	14	22	30	41	89	23.2	16	59.8	38
46110	Mississauga	Queensway W/Hurontario St	8366	2	6	18	27	40	69	20.0	100	9.89	28
48002	Stouffville	Ilwy47/E of Ilwy48	8632	10	22	30	37	49	92	30.1	108	74.2	54
49010	Dorset	Hwy 117/Paint Lake Rd	8662	13	24	31	37	47	89	30.9	108	57.8	23
51001	Ottawa	Mcd Gds, Rideau/Wurtemburg St	8653	2	12	20	27	39	09	20.5	06	70.5	\$
52020	Kingston	133 Dalton Ave.	8739	_	10	19	27	39	69	20.1	100	8.19	29
56051	Comwall	Memorial Pk Bedford/Third	8755	3	14	22	30	41	19	22.8	96	66.2	14

TABLE 12 Ozone (O<sub>3</sub>) Statistics (1997) Unit: parts per billion (ppb)

													# of times
				ď	EC	ECENTILE	1 L	3		Arith.	Maxi	Maximum	above Criterion
Stn#	City	Location	Valid hrs 10 36 50 70 90	10	36	99	70	96	66	Mean	#	1h 24h	114
90069	Peterborough	City Hall, 500 George St	4064 13 25 31	13	25	31	36	44	62	INS	88	55.0	2
62200	Fort Frances	Robert Moore PS	8157	14	23	30	35	44	57	29.0	11	53.2	0
63200	Thunder Bay	MOT 615 James St S	8572	4	16	25	32	40	57	23.9	75	58.3	0
71068	Sault Ste Marie	Wm. Merrifield School	8502	9	17	25	32	42	62	24.9	83	62.0	3
75010	North Bay	Chippewa St	8675	9	19	27	34	45	99	26.6	100	9.79	30
77203	Sudbury	Science North	8678	12	21	27	33	44	69	28.0	103	77.1	33

## 1ABLE 13 Innaiadie Farticies (FIV10) Statistics (1997) Unit=micrograms/m<sup>3</sup>

Stn	City	Location	Valid IIrs	10	30	20	70	06	66	Mean	1 h	24 h	Above Criteria
12016	Windsor	College/South St	8655	10	16	22	30	50	128	27.7	336	127.3	35
14064	Sarnia	Centennial Pk, Front St/Cn Tracks	8557	9	10	14	21	36	99	18.1	219	61.8	9
15025	London	London - AQI	8308	7	=	15	21	35	09	18.4	126	0.89	4
29000	Hamilton	Elgin/Kelly St	8620	7	=	16	22	35	74	19.4	207	9.07	7
29531	Hamilton	Ji Case	8164	80	18	28	43	80	217	39.4	801	133.0	92
29561	Hamilton	Hamilton - Homeside	7637	7	12	17	23	37	64	20.0	129	49.6	0
33003	Scarborough	Lawrence/Kennedy	8289	7	12	16	22	34	58	19.0	138	58.3	_
35003	Etobicoke	Elmcrest Rd (Centennial Pk)	3706	5	10	14	19	32	57	16.5	84	54.4	_
35033	Etobicoke	Evans/Amold Av	7303	9	12	91	22	34	64	18.5	101	55.4	2
48002	Stouffville	Hwy47/E of Hwy48	3828	5	6	12	18	28	52	15.2	148	52.2	_
52020	Kingston	Churchill Pk, Napier St	7672	2	7	13	22	45	115	20.4	486	102.3	15
71068	Sault Ste Marie	Wm. Merrifield School	8722	4	7	11	17	36	06	16.8	359	106.5	~

Note: measurements made by TEOM sampler

TABLE 14 Respirable Particles (PM2,5) Statistics (1997) Unit= micrograms/m<sup>3</sup>

						PERCE	ERCENTILES			Arith	Max	Maximum
Stn	City	Location	Valid Hrs	10	30	20	70	90	66	Mean	1 h	24 h
18007	Tiverton	Concession Rd 2 Lot A	2854	5	7	00	=	17	38	INS	09	37.8
22071	Simcoe	Experimental Farm	2722	4	9	6	12	20	44	INS	09	34.8
09097	Kitchener	West Ave/Homewood	2000	7	10	13	17	21	31	INS	47	26.8
27067	St Catharines	Argyle Cres (Pump Stn)	1575	4	7	10	12	17	26	INS	46	20.6
29114	Hamilton	Vickers Rd/East 18Th St	1998	4	7	10	14	20	33	INS	49	30.5
31303	Toronto	Toronto (Osgoode)	4966	5	6	12	17	29	90	INS	64	43.7
34020	North York	Hendon Ave (Yonge/Finch)	4011	4	7	10	14	22	42	INS	09	37.5
35033	Etobicoke	Evans/Amold Av	8410	5	00	Ξ	15	24	43	13.0	72	43.6
15025	Oshawa	Ps Ritson Rd/Olive Av	6071	4	7	10	14	25	46	12.5	71	50.5
0119	Mississauga	Queensway W/Hurontario St	8310	4	9	00	12	20	38	10.7	92	38.9
10019	Ottawa	Med Gds, Rideau/Wurtemburg St	965	4	9	6	12	18	32	INS	45	25.5

Note: measurements made by TEOM sampler

## TABLE 15 Total Suspened Particulate (TSP) Statistics (1997)

Unit= micrograms/cubic metre TSP 24-hour AAQC is 120 micrograms/m³ TSP 1-year AAQC is 60 micrograms/m³

# of Times

			lo against		-	ERC		7 1	2		WI WI	COLONIA	7 N. B. 7 L. V.	
Stn	City	Location	Samples	%01	30%	20%	20%	%06	%66	Max.	Mean	Mean	24h	ly
1001	St Marys	309 Thomas St	54	25.0	35.8	47.0	9.89	93.7	144.5	154.0	545	47.2	2	0
12007	Windsor	Wright/Water St	57	34.4	51.0	70.0	79.0	100.4	129.2	141.0	9.79	61.3	-	-
2008	Windsor	467 University Av W	59	34.8	44.4	58.0	9.89	83.8	123.0	145.0	59.6	56.1	-	0
2011	Windsor	Drouillard Rd/Richmond St	47	35.6	56.6	72.0	83.0	100.4	146.0	157.0	71.1	64.9	2	-
2013	Windsor	Filtrat Plt 3665 Wyandotte St E	52	41.0	52.0	69.5	2.96	144.0	189.2	203.0	6.08	7.1.7	10	-
2015	Windsor	Sewage Stn Hwy 18/Prospect	53	45.6	9.79	88.0	104.6	141.2	239.2	286.0	93.9	84.2	10	-
2016	Windsor	College/South St	99	35.5	52.5	0.79	79.5	126.0	231.7	263.0	77.5	8.99	9	-
2038	Windsor	2885 Howard Av	99	53.5	75.0	91.5	117.5	0.081	337.9	433.0	108.2	94.9	91	-
2053	Amherstburg	415 Front St	54	26.3	36.9	48.0	0.79	93.1	138.0	155.0	55.1	48.6	2	0
2055	Amherstburg	Duff St (E End)	47	29.6	40.6	54.0	70.0	9.88	97.3	0.101	55.9	51.7	0	0
2058	Windsor	Columbus Centre	99	30.0	46.5	58.0	71.5	100.5	465.8	881.0	76.2	59.1	4	0
2060	Windsor	2335 Dougall Ave	39	29.4	42.4	51.0	58.8	77.4	120.8	133.0	INS	INS	-	INS
2061	Amherstburg	1.4 km NW Allied Chem	55	41.8	54.2	73.0	87.4	133.2	179.8	210.0	76.0	9.89	7	-
4016	Courtright	Hwy40 (OPP Lambton GS)	59	21.0	29.8	40.0	8.64	0.99	106.8	123.0	42.5	38.0	rest	0
4030	Corunna	RrI (W of House)	53	18.2	23.6	29.0	43.4	81.4	98.4	102.0	39.3	33.6	0	0
4151	Sarnia	David/Front St	49	24.8	33.0	48.0	8.69	75.2	9.86	101.0	48.7	43.8	0	0
5025	London	900 Hightbury Ave.	55	23.8	32.2	44.0	54.0	70.8	8.96	106.0	46.2	42.2	0	0
7014	Beachville	Cyanamide Rd (Gordon Prop)	52	26.0	41.3	46.5	62.0	72.9	100.9	107.0	50.3	46.3	0	0
7015	Beachville	26 Vine St (MOE Trailer)	51	33.0	42.0	52.0	0.99	0.06	127.5	128.0	57.4	51.9	2	0
7020	Ingersoll	Hwy 2 Rr 2 (J Spriel Prop)	50	42.6	51.4	71.5	83.1	125.2	1.891	172.0	75.8	67.3	7	_
7021	Embro	Oxford Cty Rd 6 (Hesston Farm)	35	31.4	51.0	73.0	111.8	135.6	188.0	188.0	INS	INS	7	INS
7215	Beachville	26 Vine St (MOE Trailer)	46	48.0	71.0	86.5	99.5	120.0	157.2	159.0	85.1	9.77	2	-
7315	Beachville	26 Vine St (MOE Trailer)	50	23.9	30.7	41.5	53.6	69.2	9.98	0.68	44.2	41.0	0	0
2092	Nanticoke	Rainham Rd/Sandusk Rd	59	18.8	29.0	37.0	48.6	64.6	113.6	142.0	42.0	37.2		0
2904	Nanticoke	Walpole S Ps Sandusk Rd	55	24.0	30.2	37.0	48.8	72.4	9.86	118.0	43.1	39.1	0	0
2907	Nanticoke	Rainham Rd (Near Stelco Gate)	20	34.3	43.4	52.0	69.3	99.2	137.1	142.0	8.69	53.9	3	0
2964	Nanticoke	N 2 Km Nanticoke GS	36	21.0	29.5	39.0	51.0	76.5	127.5	146.0	SNI	INS	1	INS
26044	Kitchener	134 Lancaster St	43	31.2	38.6	47.0	58.0	88.2	124.9	135.0	54.3	49.7	-	0
6046	Kitchener	778 Guelph St	43	27.0	34.0	41.0	56.2	70.8	108.7	120.0	47.1	42.4	0	0
7045	Welland	337 Alberta/Devon St	09	28.9	37.0	46.0	56.3	72.4	0.06	0.06	49.0	45.9	0	0
7052	Thorold	185 Queen St S	54	40.5	61.9	79.0	108.3	159.0	220.9	241.0	8.16	80.8	11	-
7055	Niagara Falls	Stp Grounds, Stanley Av, Niagara	50	39.0	50.0	59.0	68.3	9.96	109.5	111.0	67.9	59.5	0	0
0006	Hamilton	Elgin/Kelly St	57	33.6	47.0	63.0	71.0	111.2	159.3	161.0	8.99	60.3	5	-
6006	Hamilton	Kenilworth	99	34.0	41.0	50.5	61.0	80.0	6.66	101.0	54.5	51.6	0	0
1106	Hamilton	Burlington/Leeds	57	48.6	65.8	79.0	92.2	128.0	176.1	180.0	84.9	79.4	7	-
9012	Hamilton	Burlington/Wellington	53	34.8	50.4	0.09	75.8	97.6	122.4	125.0	63.8	58.9	-	0
9025	Hamilton	Barton/Wentworth	58	36.4	49.1	62.5	76.0	115.3	155.2	166.0	68.7	63.0	4	-
20162	Hamilton	467 Beach Blvd	57	39.6	58.0	79.0	95.0	128.4	174.0	174.0	81.1	73.6	7	-

# TABLE 15 Total Suspened Particulate (15F) Statistics (1997)

# of Times Above Criterion	24h 1y	) 1	1 0	0 0	0 1	4 1	0 0	5 1	INS I	2 0	8 0	7 0	4 1	0 1	1 0	21 1	12 INS
Geom	Mean 2	74.7	81.7	46.5	42.3	73.1	39.4	76.7	INS	55.8	46.7	57.8	73.9	39.9	42.7	90.1	INS
Arith G	Mean	90.3	9.06	51.0	47.3	77.8	41.8	81.5	INS	1.09	56.0	63.0	78.6	46.0	50.5	113.8	INS
	Max.	291.0	227.0	111.0	178.0	138.0	72.0	152.0	133.0	149.0	247.0	167.0	167.0	126.0	142.0	394.0	525.0
S	%66	280.0	223.8	106.4	126.6	133.2	70.0	147.4	114.8	123.1	9.791	150.6	155.2	121.7	127.5	388.1	484.2
ENTILES	%06	163.8	153.6	90.4	76.0	110.0	58.8	120.0	0.99	91.8	96.4	101.2	112.6	3 79.2	95.8	2 191.6	4 241.0
Z E	%01	8.66	1002	58.0	54.2	90.4	0.15 0	9.16 0	0 56.5	0 68.4	5 65.4	0 69.2	5 92.3	0 51.8			_
PERC	%05 %	8 74.0	7 75.0	7	12.9 41.0	52.9 77.0	33.0 42.0	59.4 74.0	13.5 51.0	44 0 56.0	88.0 51.5	18.4 57.0			, ,		61.6 93.0
	10% 30%	35.6 57.8							4		(-	7				, -	
_			40	96	24	43	2.4	46	3	36	36	3.	9 4			1 1	ں س
Number of	Samples	67	24	52	5.4	54	52	65	38	122	271	591	(6)	200	50	55	35
ic metre nierograms/m³ rograms/m³		Location	olield Kd/riwy 3	Gertrude/Depew	Vickers Kd/Last 161H St	Main St W/HWy403	Morley SUFarkdale AV	Dundurn/York	Reefer Court (MOE All Shop)	Bruce 1's 51 Latenmount Av	Mosley/Lestie 5ts	633 Eastem AV	Works Dept., 138 Hamilton AV	Mississauga Kd 5/1'0ft 5t	Meadow Pk, Apple Lane Club	Bombardier Montreal St	Pumphouse, Bonney 51
Unit= micrograms/cubic metre ISP 24-hour AAQC is 120 micrograms/m³ ISP 1-year AAQC is 60 micrograms/m³		City	Greensville	Hamilton	Hamilton	Hamilton	Hamilton	Hamilton	Hamilton	Toronto	Toronto	Toronto	Toronto	Mississanga	Mississauga	Thunder Bay	Sault Ste Marie
Unit= m TSP 24-hc TSP 1-yea		Stn	29111	29113	29114	29118	29119	29122	29143	31045	31058	31065	31082	46047	46117	63046	71042

TABLE 16 Lead (Pb) in TSP Statistics (1997)

Unit = micrograms/m3

Pb 24-hour AAQC is 2.0 micrograms/m<sup>3</sup>

		D											# of times
			Number of		P E	CEL	PERCENTILES	ES			Arith	Geom	Above Criterion
Stn	City	Location	Samples	10%	30%	20%	20%	%06	%66	Max	Mean	Mean	24 h
12007	Windsor	Wright/Water St	57	0.005	0.005	0.005	0.020	0.034	0.050	0.050	0.015	0.010	0
12008	Windsor	467 University Av W	59	0.005	0.005	0.005	0.000	0.030	0.048	090.0	0.013	0.009	0
12011	Windsor	Drouillard Rd/Richmond St	47	0.005	0.005	0.005	0.020	0.034	0.051	0.060	0.014	0.010	0
12013	Windsor	Filtrat Plt 3665 Wyandotte St E	52	0.005	0.005	0.013	0.020	0.040	0.080	0.090	0.019	0.012	0
12015	Windsor	Sewage Stn Hwy 18/Prospect	99	0.005	0.005	0.005	0.020	0.040	0.094	0.110	0.019	0.012	0
12016	Windsor	College/South St	56	0.005	0.005	0.005	0.020	0.040	0.101	0.150	0.019	0.012	0
12038	Windsor	2885 Howard Av	56	0.005	0.005	0.020	0.045	0.105	0.627	0.770	0.062	0.023	0
12058	Windsor	Columbus Centre	56	0.005	0.005	0.020	0.020	0.030	090.0	090.0	0.019	0.014	0
12060	Windsor	2335 Dougall Ave	38	0.005	0.005	0.005	0.020	0.033	0.303	0.440	INS	INS	0
12061	Amherstburg	1.4 km NW Allied Chem	55	0.005	0.005	0.005	0.020	0.046	1.230	1.500	0.065	0.013	0
14016	Courtright	Hwy40 (OPP Lambton GS)	59	0.005	0.005	0.005	0.005	0.020	0.030	0.030	0.008	0.007	0
14030	Corunna	Rri (W of House)	53	0.005	0.005	0.005	0.005	0.020	0.040	0.040	0.009	0.007	0
15025	London	900 Hightbury Ave.	59	0.005	0.005	0.005	0.005	0.020	0.020	0.020	0.008	0.007	0
27052	Thorold	185 Queen St S	54	0.005	0.005	0.005	0.020	0.037	0.040	0.040	0.014	0.010	0
29011	Hamilton	Burlington/Leeds	57	0.005	0.020	0.030	0.030	0.050	0.134	0.140	0.031	0.022	0
29025	Hamilton	Barton/Wentworth	58	0.005	0.005	0.020	0.020	0.050	0.079	0.000	0.021	0.013	0
29102	Hamilton	467 Beach Blvd	58	0.005	0.005	0.005	0.029	0.043	0.070	0.070	0.019	0.012	0
29114	Hamilton	Vickers Rd/East 18Th St	53	0.005	0.005	0.005	0.020	0.040	0.064	0.080	0.015	0.010	0
31045	Toronto	Bruce Ps 51 Larchmount Av	36	0.005	0.005	0.005	0.020	0.030	0.092	0.110	SNI	INS	0
31058	Toronto	Mosley/Leslie Sts	122	0.020	0.040	0.070	0.140	0.319	1.582	2.200	0.154	0.082	П
31065	Toronto	633 Eastern Av	162	0.005	0.005	0.030	090.0	0.230	2.163	6.300	0.144	0.031	2
31082	Toronto	Works Dept, 138 Hamilton Av	169	0.005	0.005	0.005	0.020	0.040	0.100	0.140	0.016	600.0	0
46047	Mississauga	Mississauga Rd S/Port St	50	0.384	0.742	1.350	2.030	6.020	8.873	10.000	2.113	1.285	15
46117	Mississauga	Meadow Pk, Apple Lane Club	56	0.005	0.005	0.005	0.005	0.020	0.035	0.040	0.009	0.007	0
71042	Sault Ste Marie	Pumphouse, Bonney St	55	0.005	0.005	0.005	0.005	0.026	0.525	1.000	0.029	0.007	0

TABLE 17 Iron (Fc) in TSP Statistics (1997)

Unit: micrograms/m3

City         Location           007         Windsor         Wright/Water St           008         Windsor         467 University Av W           011         Windsor         Drouillard Rd/Rchmond St           015         Windsor         Drouillard Rd/Rchmond St           016         Windsor         Sewage Stn Hwy 18/Prospect           016         Windsor         College/South St           028         Windsor         2885 Howard Av           038         Windsor         2885 Howard Av           050         Windsor         2385 Howard Av           060         Windsor         2335 Dougall Ave           061         Amberstburg         1-4 km NW Allied Chem           061         Harnico         900 Hightbury Ave.           052         Thorold         185 Queen St S           053         Thorold         184 Queen St S           054         Hamilton         Burlington/Leeds	v W hmond St yandotte St E	Samples									
Windsor Windso	/ W hmond St yandotte St E	and mine	10%	30%	20%	20%	%06	%66	Max	Mean	Mean
Windsor Windsor Windsor Windsor Windsor Windsor Windsor Windsor Windsor Courtight Courtight Courtight I Condon Thorold Hamilton Hamilton	· W hmond St yandotte St E	57	09.0	86.0	1.60	1.90	2.86	5.22	5.50	1.67	1.38
Windsor Windsor Windsor Windsor Windsor Windsor Windsor Windsor Courtight Courtight I London Thordold Hamilton	hmond St yandotte St E	59	0.40	09.0	08.0	96.0	1.50	2.51	2.80	06.0	0.79
Windsor Windsor Windsor Windsor Windsor Windsor Windsor Courtight Courtight I condon Thordon Thordon Hamilton	yandotte St E	47	0.58	06.0	1.30	1.90	2.68	3.41	3.50	1.47	1.21
Windsor Windsor Windsor Windsor Windsor Amherstburg Courtright Courtright London Thorold Hamilton		52	0.50	06.0	1.35	2.21	5.64	10.09	13.00	2.35	1.47
Windsor Windsor Windsor Windsor Windsor Ambaestburg Courtright Corunna London Thorold Hamilton	18/Prospect	99	0.75	1.10	1.40	1.90	3.15	7.42	10.00	1.82	1.46
Windsor Windsor Windsor Anherstburg Courtright Corunna London Thorold Hamilton		99	0.45	0.75	1.30	1.70	2.20	4.66	5.70	1.39	1.12
Windsor Windsor Amherstburg Courtright Corunna London Thorold Hamilton		56	1.85	3.70	6.25	9.85	20.00	42.25	45.00	9.01	5.85
Windsor Amherstburg Courtright Corunna London Thorold Hamilton		56	0.50	0.70	1.05	1.45	2.05	5.00	7.20	1.26	1.02
Amherstburg Courtright Corunna London Thorold Hamilton		38	0.50	0.70	08.0	1.29	1.76	3.46	3.90	INS	INS
Courtright Corunna London Thorold Hamilton	I Chem	55	0.64	06.0	1.30	1.58	2.88	4.17	4.60	1.48	1,25
Corunna London Thorold Hamilton	ibton GS)	59	0.05	0.20	0.20	0.30	0.50	0.84	06'0	0.28	0.22
London Thorold Hamilton Hamilton		53	0.05	0.05	0.20	0.30	0.78	1.00	1.00	0.29	0.17
Thorold Hamilton	c,	59	0.05	0.20	0.30	0.40	0.52	0.90	06.0	0.32	0.25
Hamilton Hamilton		54	0.40	0.70	1.10	1.50	2.87	4.44	4.60	1.42	1.08
_		57	1.60	2.08	2.70	3.70	6.28	11.44	12.00	3.48	2.96
		58	0.57	080	1.10	2.00	5.26	10.37	11.00	2.09	1.40
29102 Hamilton 467 Beach Blvd		58	0.50	1.20	2.30	3.58	4.83	8.06	10.00	2.62	1.90
29114 Hamilton Vickers Rd/East 18Th St	8Th St	53	0.20	0.30	0.40	09.0	1.92	4.82	5.60	0.84	0.48
31058 Toronto Mosley/Leslie Sts		122	0.30	0.50	09.0	06.0	1.50	2.20	2.40	0.77	0.64
46047 Mississauga Mississauga Rd S/Port St	Port St	28	0.47	0.70	06.0	1.38	1.79	2.71	2.90	INS	INS
46117 Mississauga Meadow Pk, Apple Lane Club	le Lane Club	56	0.05	0.20	0.30	0.40	0.75	1.20	1.20	0.36	0.26
71042 Sault Ste Marie Pumphouse, Bonney St	ney St	55	1.08	1.92	3.70	6.04	13.20	42.56	62.00	6.48	3.67

TABLE 18 Manganese (Mn) in TSP Statistics (1997)

Unit = micrograms/m<sup>3</sup>

 $Mn\ 24\text{-}hour\ AAQC\ is\ 2.5\ micrograms/m^3$ 

													# of times
			Number of		PE	PERCENTILES	TIL	ES			Arith	Geom	Above Criterion
Stn	City	Location	Samples	10%	30%	%05	20%	%06	%66	Max	Mean	Mean	24 h
12007	Windsor	Wright/Water St	57	0.015	0.027	0.042	0.057	0.083	0.110	0.110	0.046	0.038	0
12008	Windsor	467 University Av W	59	0.014	0.020	0.026	0.033	0.052	0.090	0.100	0.031	0.026	0
12011	Windsor	Drouillard Rd/Richmond St	47	0.014	0.028	0.044	0.059	0.128	0.175	0.180	0.056	0.041	0
12013	Windsor	Filtrat Plt 3665 Wyandotte St E	52	0.012	0.030	0.051	960.0	0.278	0.507	0.640	0.104	0.055	0
12015	Windsor	Sewage Stn Hwy 18/Prospect	98	0.023	0.032	0.043	0.058	0.090	0.205	0.260	0.053	0.043	0
12016	Windsor	College/South St	99	0.017	0.028	0.042	0.054	0.079	0.134	0.150	0.045	0.037	0
12038	Windsor	2885 Howard Av	99	0.037	0.062	0.000	0.160	0.250	0.523	0.660	0.130	960.0	0
12058	Windsor	Columbus Centre	99	0.014	0.017	0.026	0.037	0.058	0.093	0.100	0.031	0.026	0
12060	Windsor	2335 Dougall Ave	38	0.016	0.020	0.024	0.035	0.062	0.081	0.082	INS	INS	0
12061	Amherstburg	1.4 km NW Allied Chem	55	0.014	0.025	0.035	0.051	980.0	0.199	0.280	0.046	0.035	0
14016	Courtright	Hwy40 (OPP Lambton GS)	65	0.002	0.005	0.007	0.000	0.014	0.019	0.022	0.008	900.0	0
14030	Corunna	Rr1 (W of House)	53	0.003	0.004	0.007	0.012	0.019	0.024	0.025	0.000	0.007	0
15025	London	900 Hightbury Ave.	59	900.0	0.008	0.011	0.015	0.024	0.035	0.037	0.013	0.011	0
27052	Thorold	185 Queen St S	54	0.016	0.029	0.046	0.067	0.120	0.149	0.160	0.056	0.044	0
29011	Hamilton	Burlington/Leeds	57	0.116	0.140	0.200	0.260	0.444	0.695	0.740	0.242	0.206	0
29025	Hamilton	Barton/Wentworth	58	0.041	690.0	0.091	0.139	0.436	0.702	0.730	0.165	0.110	0
29102	Hamilton	467 Beach Blvd	58	0.029	0.062	0.125	0.190	0.263	0.425	0.510	0.143	0.105	0
29114	Hamilton	Vickers Rd/East 18Th St	53	0.012	0.018	0.024	0.041	0.120	0.230	0.240	0.045	0.028	0
31058	Toronto	Mosley/Leslie Sts	122	0.014	0.021	0.029	0.036	0.065	0.095	0.110	0.034	0.029	0
46047	Mississauga	Mississauga Rd S/Port St	28	0.013	0.020	0.030	0.039	0.064	0.075	0.077	INS	INS	0
46117	Mississauga	Meadow Pk, Apple Lane Club	26	900'0	0.010	0.012	0.018	0.035	0.052	0.053	0.017	0.013	0
71042	Sault Ste Marie	Pumphouse, Bonney St	55	0.064	0.152	0.240	0.390	0.674	1.192	1.300	0.323	0.219	0

TABLE 19 Nickel (Ni) in TSP Statistics (1997)

Unit = micrograms/m<sup>3</sup>

Ni 24-hour AAQC is 2.0 micrograms/m<sup>3</sup>

													# of times
			Number of		Ь	RCF	PERCENTILES	LE	S		Arith	Geom	Above Criterion
Stn	City	Location	Samples	10%	30%	20%	%02	%06	%66	Max	Mean	Mean	24 h
12007	Windsor	Wright/Water St	57	100.0	0.003	0.004	0.006	800.0	0.012	0.015	0.005	0.004	0
12008	Windsor	467 University Av W	59	0.001	0.001	0.003	0.005	1.007	0.015	0.017	0.004	0.003	0
12011	Windsor	Drouillard Rd/Richmond St	47	0.001	0.003	0.005	900.0	010	0.017	0.018	0.005	0.004	0
12013	Windsor	Filtrat Plt 3665 Wyandotte St E	52	0.002	0.004	0.005	0.007	0.013	0.025	0.030	0.007	0.005	0
12015	Windsor	Sewage Stn Hwy 18/Prospect	56	0.001	0.003	0.005	900.0	010.0	910.0	0.019	0.005	0.004	0
12016	Windsor	College/South St	56	0.001	0.003	0.005	0.007	0.010	0.015	0.016	0.005	0.004	0
12038	Windsor	2885 Howard Av	56	0.003	0.008	0.012	0.019	0.035	0.143	0.200	0.020	0.011	0
12058	Windsor	Columbus Centre	99	0.001	0.001	0.007	0.004 (	800.0	0.014	0.015	0.003	0.007	0
12060	Windsor	2335 Dougail Ave	38	0.002	0.003	0.005	900.0	800.0	0.013	0.014	INS	INS	0
12061	Amherstburg	1.4 km NW Allied Chem	55	0.001	0.004	0.005	900.0	010.0	0.019	0.019	0.005	0.004	0
14016	Courtright	Hwy40 (OPP Lambton GS)	59	0.001	0.001	0.004	0.007	710.0	0.032	0.035	900.0	0.004	0
14030	Corunna	Rr1 (W of House)	53	0.001	0.001	0.007	0.004 (	900.0	0.010	0.012	0.003	0.007	0
15025	London	900 Hightbury Avc.	59	0.002	0.003	0.004	0.005	0.007	0.000	0.010	0.004	0.003	0
27052	Thorold	185 Queen St S	54	0.001	0.003	900.0	0.008	0.032	0.101	0.120	0.013	900'0	0
29011	Hamilton	Burlington/Leeds	57	0.001	900.0	0.007	0.010	0.013	0.023	0.026	800.0	900.0	0
29025	Hamilton	Barton/Wentworth	58	0.001	0.002	0.004	900.0	0.011	0.020	0.026	0.005	0.004	0
29102	Hamilton	467 Beach Blvd	58	0.001	0.002	0.003	0.007	0.010	0.025	0.031	0.005	0.003	0
29114	Hamilton	Vickers Rd/East 18th St	53	0.001	0.001	0.001	0.002	0.004	800.0	0.009	0.002	0.007	0
31058	Toronto	Moslcy/Leslie Sts	122	0.001	0.001	0.007	0.004	900.0	0.013	0.014	0.003	0.007	0
46047	Mississauga	Mississauga Rd S/Port St	28	0.001	0.001	0.003	900.0	0.012	0.016	0.017	INS	INS	0
46117	Mississauga	Meadow Pk, Apple Lane Club	56	0.001	0.001	0.002	0.004	900.0	0.008	0.009	0.003	0.002	0
71042	Sault Ste Marie	Pumphouse, Bonney St	55	0.001	0.001	0.004	0.006	910.0	0.030	0.033	900.0	0.003	0

TABLE 20 Chromium (Cr) in TSP Statistics (1997)

Units = micrograms/m<sup>3</sup>

Cr 24-hour AAQC is 1.5 microgram/m<sup>3</sup>

			Number of		P E	PERCEN	TILES	ES			Arith.	Geom	Above Criterion
Stn	City	Location	Samples	10%	30%	%05	20%	%06	%66	Max	Mean	Mean	24 h
12007	Windsor	Wright/Water St	57	0.003	0.007	0.009	0.012	0.015	0.023	0.025	0.010	0.008	0
12008	Windsor	467 University Av W	59	0.001	0.003	0.005	800.0	0.011	0.012	0.012	900.0	0.004	0
12011	Windsor	Drouillard Rd/Richmond St	47	0.004	0.005	0.009	0.014	0.019	0.028	0.029	0.010	0.008	0
12013	Windsor	Filtrat Plt 3665 Wvandotte St E	52	0.004	0.007	0.010	0.018	0.034	990.0	0.090	910.0	0.011	0
51021	Windsor	Sewage Stu Hwy 18/Prospect	56	0.006	0.008	0.010	0.013	0.019	0.049	0.050	0.012	0.010	0
21021	Windsor	College/South St	56	0.003	900.0	0.009	0.011	0.022	0.034	0.035	0.010	0.008	0
12038	Windsor	2885 Howard Av	56	0.009	0.020	0.034	0.050	0.094	0.233	0.260	0.047	0.029	0
12058	Windsor	Columbus Centre	56	0.003	900.0	0.009	0.012	0.018	0.032	0.041	0.010	0.007	0
09021	Windsor	2335 Dougall Ave	38	0.004	0.005	0.007	0.008	0.013	0.018	0.018	INS	INS	0
19071	Amherstburg	1.4 km NW Allied Chem	55	900.0	0.008	0.010	0.014	0.019	0.038	0.050	0.012	0.010	0
14016	Courtright	Hwy40 (OPP Lambton GS)	89	0.001	0.007	0.004	900.0	0.008	0.010	0.011	0.005	0.004	0
14030	Cornina	Rrl (W of House)	53	0.001	0.001	0.003	0.005	0.008	0.010	0.010	0.004	0.003	0
2001	London	900 Hightbury Ave.	59	0.001	0.001	0.003	0.005	0.008	0.013	0.014	0.004	0.003	0
02021	Thorold	185 Ouecn St S	54	0.035	0.135	0.220	0.417	2.020	4.111	4.800	0.619	0.239	7
20012	Hamilton	Rurlington/I eeds	57	0.021	0.029	0.037	0.047	0.075	0.097	860.0	0.042	0.037	0
20025	Hamilton	Barton/Wentworth	58	0.008	0.013	0.017	0.026	0.059	0.104	0.110	0.027	0.019	0
20107	Hamilton	467 Reach Blvd	58	0.004	0.010	0.018	0.026	0.035	0.054	690.0	0.019	0.014	0
20114	Hamilton	Vickers Rd/East 18Th St	53	0.001	0.003	0.004	900.0	0.025	0.036	0.038	0.008	0.004	0
31058	Toronto	Mosley/Leslie Sts	122	0.001	0.005	900.0	0.010	910'0	0.027	0.028	0.008	900.0	0
46047	Mississauga	Mississauga Rd S/Port St	28	0.003	0.005	0.008	0.012	0.024	0.030	0.030	INS	INS	0
46117	Mississauga	Meadow Pk, Apple Lane Club	56	0.001	0.001	0.003	0.004	0.007	0.026	0.029	0.004	0.003	0
71042	Sault Ste Marie	Pumphouse, Bonney St	55	90000	0.010	0.017	0.032	0.057	0.145	0.210	0.029	0.017	0

TABLE 21 Vanadium (V) in TSP Statistics (1997)
Unit = micrograms/m³
V 24-hour AAQC is 2.0 micrograms/m³

# of times

			Number of		Ь	PERCENTILE	ENT	ILE	S		Arith	Geom	above Criterion
ò		Location	Samples	10%	30%	%05	%04	%06	%66	Max	Mean	Mean	24 h
Stn	CITY	Ducation	2.5	0 00 0	0.000	0.004	9000	0.012	0.020	0.027	900.0	0.004	0
12007	Windsor	Wright/Water St	50	0.001	0.001	0 00 0	0.004	0.00	0.026	0.028	0.004	0.002	0
12008	Windsor	467 University AV W	47	0.00	0.00	0.004	0.007	0.012	0.030	0.030	0.005	0.003	0
12011	Windsor	Drouillard Kd/Kichmond St	65	0.001	0.003	9000	0.011	0.021	0.027	0.027	0.009	0.005	0
12013	Windsor	Filtrat Pit 3665 Wyandolle 5t E	35	0.00	0.001	0.003	0.005	0.012	0.030	0.034	0.005	0.003	0
12015	Windsor	Sewage Sill flwy 16/1105pcci	95	0.001	0.002	0.005	600.0	0.026	0.031	0.032	800.0	0.005	0
12016	Windsor	College/South St	95	0.004	0.007	0.017	0.026	0.042	0.078	980.0	0.021	0.013	0
12038	Windsor	2885 Howard Av	95	0 001	0.00	0.002	0.007	0.010	0.022	0.026	0.005	0.003	0
12058	Windsor	Columbus Centie	3000	0.001	0.002	0.004	800.0	0.013	0.028	0.032	INS	INS	0
12060	Windsor	2333 Dougan Ave	55	0.001	0.001	0.007	900.0	0.013	0.025	0.029	0.005	0.003	0
12061	Amherstburg	1.4 km NW Annea Chain	50	0000	0.001	0.003	0.008	0.028	0.063	890.0	0.010	0.003	0
14016	Courtright	Hwy40 (OFF Lambton OS)	53	0 001	0.001	0.001	0.002	0.007	0.018	0.020	0.003	0.002	0
14030	Corunna	Kri (w oi riouse)	65	0 001	0 001	0.001	0.001	0.003	0.005	900.0	0.001	0.001	0
15025	London	900 Hightbury Ave.	54	0.001	0.007	0.013	0.024	0.093	0.294	0.490	0.035	0.013	0
27052	Thorold	185 Queen St S	5.4	0.00	0.000	0.008	0.012	0.023	0.047	0.049	0.010	900.0	0
29011	Hamilton	Burlington/Leeds	80	0.001	0.001	0.003	0.007	0.018	0.040	0.042	0.007	0.003	0
29025	Hamilton	Barton/wentworth	8 %	0.001	0 001	0.005	0.011	0.021	0.026	0.028	0.008	0.004	0
29102	Hamilton	467 Beach BIVd	26	0.00	0000	0.001	0 004	0.010	0.014	0.016	0.004	0.002	0
29114	Hamilton	Vickers Rd/East 181n St	56	0.00	0.00	0.00	0.003	9000	0.010	0.012	0.003	0.002	0
31058	Toronto	Mosley/Leslie Sts	771	100.0	0000	0.00	9000	0.012	0.025	0.025	INS	INS	0
46047	Mississauga	Mississauga Rd S/Port St	87	0.001	0.002	0.00	00000	0.000	0100	1000	0.003	0.002	0
46117	Mississauga	Meadow Pk, Apple Lane Club	96	0.001	0.001	0.001	0.003	0.000	0.000	0 100	0.015	900 0	0
71042	Sault Ste Marie	Pumphouse, Bonney St	55	0.001	0.007	0.007	0.018	0.037	0.000	0.120	0.00	0000	•

TABLE 22 Copper (Cu) in TSP Statistics (1997)

Unit = micrograms/m<sup>3</sup>

Cu 24-hour AAQC is 50 micrograms/m<sup>3</sup>

Simples         Number of Integral														# of times
Clty         Location         Samples         10         30         50         90         99         Max         Mean         Mean           Windsor         Wright/Water St         47 University A ward         57         0.01         0.02         0.03         0.04         0.06         0.06         0.02         0.02           Windsor         467 University A ward         59         0.01         0.02         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.03         0.04         0.05         0.07         0.03 <th></th> <th></th> <th></th> <th>Number of</th> <th></th> <th>PE</th> <th>RCE</th> <th>III</th> <th>ES</th> <th></th> <th></th> <th>Arith</th> <th>Geom</th> <th>Above Criterion</th>				Number of		PE	RCE	III	ES			Arith	Geom	Above Criterion
Windsor         Wright/WaterSt         57         0.01         0.01         0.02         0.03         0.04         0.06         0.06         0.02           Windsor         47 University Av W         59         0.01         0.01         0.02         0.03         0.04         0.06         0.07         0.02           Windsor         Filtrat PIT 366S Wyandotte St E         52         0.01         0.02         0.03         0.04         0.06         0.07         0.03           Windsor         Filtrat PIT 366S Wyandotte St E         52         0.01         0.02         0.03         0.04         0.05         0.07         0.07         0.03           Windsor         College/South St         56         0.01         0.02         0.03         0.03         0.07         0.09         0.03	Stn	City	Location	Samples	10	30	20	20	06	66	Max	Mean	Mean	24 h
Windsor         467 University Av W         59         0.01         0.02         0.03         0.04         0.05         0.07         0.07         0.02           Windsor         Drouillard Rd/Richmond St         47         0.01         0.02         0.03         0.04         0.05         0.07         0.07           Windsor         Sevage Stn Hwy 18/Prospect         55         0.01         0.02         0.03         0.03         0.05         0.07         0.09	007	Windsor	Wright/Water St	57	0.01	0.01	0.02	0.03	0.04	90.0	90.0	0.02	0.02	0
Windsor         Drouillard Rd/Richmond St         47         0.01         0.02         0.03         0.04         0.05         0.07         0.03           Windsor         Filtart Plt 3665 Wyandotte St E         52         0.01         0.02         0.03         0.04         0.05         0.07           Windsor         Servage Stu Hwy BRProspect         56         0.01         0.02         0.03         0.03         0.05         0.09         0.03           Windsor         College/South St         56         0.01         0.02         0.03         0.04         0.05         0.03         0.05         0.09         0.03           Windsor         Columbus Centre         56         0.01         0.02         0.03         0.04         0.05         0.03         0.05         0.03         0.05         0.03         0.05         0.03         0.05         0.03         0.04         0.05         0.03         0.04         0.03         0	800	Windsor	467 University Av W	59	0.01	0.01	0.02	0.03	0.04	90.0	0.07	0.00	0.02	0
Windsor         Filtrat Plt 3665 Wyandotte St E         52         0.01         0.02         0.03         0.04         0.04         0.05         0.02           Windsor         Sewage Stn Hwy 18/Prospect         56         0.01         0.02         0.03         0.03         0.05         0.09         0.09         0.03           Windsor         College/South St         56         0.01         0.02         0.03         0.03         0.05         0.07         0.09         0.09         0.03           Windsor         Collambus Centre         56         0.01         0.02         0.03         0.04         0.05         0.09         0.09         0.09         0.09           Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.05         0.07         0.09         0.09         0.09         0.03           Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.05         0.07         0.09         0.09         0.03         0.03         0.05         0.09         0.09         0.03           Contright         Hwy40 (OPP Lambton GS)         59         0.01         0.02         0.03         0.04         0.05         0.0	110	Windsor	Drouillard Rd/Richmond St	. 47	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.03	0.03	0
Windsor         Sewage Stn Hwy 18/Prospect         56         0.01         0.02         0.03         0.03         0.05         0.09         0.03           Windsor         College/South St         56         0.01         0.01         0.02         0.03         0.05         0.09         0.09         0.03           Windsor         Columbus Centre         56         0.01         0.02         0.03         0.04         0.05         0.09         0.09         0.09           Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.04         0.05         0.07         0.09         0.09         0.09           Windsor         2335 Dougall Ave         58         0.01         0.02         0.03         0.05         0.07         0.09         0.0	913	Windsor	Filtrat Plt 3665 Wyandotte St E	52	0.01	0.03	0.02	0.03	0.04	0.04	0.05	0.05	0.02	0
Windsor         College/South St         56         0.01         0.02         0.03         0.05         0.03         0.05         0.03         0.05         0.03         0.05         0.05         0.07         0.01         0.02         0.03         0.05         0.07         0.09         0.09         0.02           Windsor         Columbus Centre         56         0.01         0.02         0.03         0.04         0.05         0.07         0.08         0.03         0.08         0.03         0.09         0.09         0.08         0.03         0.09 <td< td=""><td>015</td><td>Windsor</td><td>Sewage Stn Hwy 18/Prospect</td><td>99</td><td>0.01</td><td>0.03</td><td>0.03</td><td>0.03</td><td>0.05</td><td>0.07</td><td>60.0</td><td>0.03</td><td>0.02</td><td>0</td></td<>	015	Windsor	Sewage Stn Hwy 18/Prospect	99	0.01	0.03	0.03	0.03	0.05	0.07	60.0	0.03	0.02	0
Windsor         2885 Howard Av         56         0.03         0.05         0.10         0.13         0.29         0.29         0.28           Windsor         Columbus Centre         56         0.01         0.02         0.03         0.04         0.05         0.07         0.08         0.08           Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.04         0.05         0.09         0.09         INS           Antherstburg         14-km NW Allied Chem         55         0.01         0.02         0.03         0.05         0.03         0.05         0.09         0.09         INS           Countright         1 My40 (OPP Lambton GS)         59         0.13         0.01         0.02         0.03         0.06         0.13         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01 <t< td=""><td>910</td><td>Windsor</td><td>College/South St</td><td>99</td><td>0.01</td><td>0.01</td><td>0.02</td><td>0.03</td><td>0.05</td><td>80.0</td><td>60.0</td><td>0.03</td><td>0.03</td><td>0</td></t<>	910	Windsor	College/South St	99	0.01	0.01	0.02	0.03	0.05	80.0	60.0	0.03	0.03	0
Windsor         Columbus Centre         56         0.01         0.02         0.03         0.04         0.05         0.07         0.08         0.03           Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.05         0.07         0.09         0.09         NS           Amhersiburg         1.4 km NW Allied Chem         55         0.01         0.02         0.03         0.05         0.07         0.09         0.09         NS           Countright         Hwy40 (OPP Lambton GS)         59         0.01         0.02         0.03         0.06         0.11         0.13         0.06         0.11         0.13         0.06         0.11         0.13         0.06         0.01         0.03         0.06         0.11         0.13         0.06         0.03         0.06         0.11         0.13         0.06         0.03         0.06         0.11         0.11         0.03         0.06         0.11         0.11         0.02         0.03         0.06         0.11         0.13         0.04         0.03         0.01         0.02         0.03         0.06         0.13         0.14         0.03         0.04         0.03         0.04         0.03         0.04	38	Windsor	2885 Howard Av	56	0.03	0.05	0.07	0.10	0.13	0.29	0.32	0.08	0.07	0
Windsor         2335 Dougall Ave         38         0.01         0.02         0.03         0.05         0.09         0.09         INS           Amherstburg         1.4 km NW Allied Chem         55         0.01         0.01         0.02         0.03         0.05         0.09         0.09         INS           Countright         Hvy40 (OPP Lambton GS)         59         0.01         0.01         0.02         0.03         0.06         0.01         0.05         0.09         0.01         0.05         0.03         0.06         0.01         0.05         0.03         0.05         0.03         0.05         0.03         0.06         0.01         0.03         0.06         0.03         0.06         0.01         0.03         0.06         0.03         0.05         0.01         0.03         0.06         0.03         0.06         0.01         0.03         0.06         0.03         0.05         0.01         0.03         0.05         0.03         0.05         0.01         0.03         0.05         0.03         0.05         0.01         0.03         0.01         0.03         0.01         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.01         0.03	920	Windsor	Columbus Centre	99	0.01	0.05	0.03	0.04	0.05	0.07	80.0	0.03	0.02	0
Amhtestburg         1.4 km NW Allied Chem         55         0.01         0.02         0.03         0.03         0.08         0.01         0.03           Countright         Hwyd0 (OPP Lambton GS)         59         0.07         0.15         0.21         0.31         0.48         0.77         0.89         0.25           Countright         Hwyd0 (OPP Lambton GS)         59         0.07         0.15         0.21         0.31         0.69         0.11         0.13         0.74         0.89         0.25           London         900 Hightbury Ave.         59         0.01         0.02         0.03         0.60         0.81         0.67         0.89         0.12         0.03         0.05         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.02         0.03         0.04         0.03         0.01         0.01         0.01         0.01         0.01         0.02         0.03         0.02         0.03         0.01         0.01         0.01         0.02         0.01         0.01         0.02         0.03         0.02         0.01         0.01         0.01         0.02         0.03         0.01         0.01	090	Windsor	2335 Dougall Ave	38	0.01	0.02	0.03	0.05	0.07	0.00	60.0	INS	INS	0
Countright         Hwy40 (OPP Lambton GS)         59         0.07         0.15         0.21         0.31         0.48         0.77         0.89         0.25           Corunna         Rr1 (W of House)         53         0.01         0.02         0.03         0.06         0.11         0.13         0.14         0.05           London         900 Hightbury Ave.         59         0.13         0.20         0.03         0.06         0.11         0.13         0.14         0.05           Thorold         185 Queen St.S         54         0.02         0.04         0.09         0.13         0.20         0.37         0.40         0.10         0.05         0.04         0.09         0.13         0.40         0.09         0.13         0.04         0.09         0.13         0.04         0.09         0.13         0.10         0.10         0.11         0.09         0.10         0.10         0.10         0.11         0.10         0.11         0.10         0.11         0.11         0.11         0.13         0.11         0.13         0.13         0.11         0.11         0.13         0.14         0.05         0.10         0.11         0.11         0.11         0.11         0.11         0.11	190	Amherstburg	1.4 km NW Allied Chem	55	0.01	0.01	0.02	0.03	0.05	80.0	0.10	0.03	0.03	0
Conunna         Rr1 (W of House)         53         0.01         0.02         0.03         0.06         0.11         0.13         0.14         0.05           London         900 Hightbury Ave.         59         0.13         0.20         0.33         0.50         0.67         0.98         1.20         0.38           Thorold         185 Queen St S         54         0.02         0.04         0.09         0.13         0.20         0.37         0.40         0.10           Hamilton         Burlington/Leeds         57         0.05         0.06         0.08         0.10         0.17         0.23         0.30         0.10           Hamilton         Barington/Leeds         57         0.05         0.06         0.08         0.10         0.11         0.13         0.10         0.10           Hamilton         Barington/Leeds         58         0.06         0.08         0.10         0.11         0.13         0.14         0.06           Hamilton         Wississanga         Mosley/Leelie Sis         122         0.05         0.07         0.09         0.13         0.17         0.13         0.14         0.06           Mississanga         Mississanga         Meadow Pk, Apple Lane Club	910	Courtright	Hwy40 (OPP Lambton GS)	59	0.07	0.15	0.21	0.31	0.48	0.77	0.89	0.25	0.20	0
London         900 Hightbury Ave.         59         0.13         0.20         0.33         0.50         0.67         0.87         0.88         1.20         0.38           Thorold         185 Queen St S         54         0.02         0.04         0.09         0.13         0.20         0.37         0.40         0.10           Hamilton         Burlington/Leeds         57         0.05         0.06         0.08         0.10         0.17         0.23         0.31         0.10           Hamilton         Bartington/Ventworth         58         0.06         0.08         0.07         0.01         0.11         0.13         0.13         0.10           Hamilton         Voices ext/Beach Blvd         58         0.02         0.04         0.07         0.01         0.11         0.13         0.14         0.06           Hamilton         Voices ext/Beach Blvd         58         0.02         0.03         0.04         0.05         0.11         0.13         0.14         0.06         0.10         0.11         0.13         0.14         0.06         0.11         0.11         0.13         0.14         0.05         0.11         0.13         0.14         0.05         0.11         0.13         0.14 <td>30</td> <td>Corunna</td> <td>Rr1 (W of House)</td> <td>53</td> <td>0.01</td> <td>0.02</td> <td>0.03</td> <td>90.0</td> <td>0.11</td> <td>0.13</td> <td>0.14</td> <td>0.05</td> <td>0.03</td> <td>0</td>	30	Corunna	Rr1 (W of House)	53	0.01	0.02	0.03	90.0	0.11	0.13	0.14	0.05	0.03	0
Thorold         185 Queen St S         54         0.02         0.04         0.09         0.13         0.20         0.37         0.40         0.10           Hamilton         Burlington/Leeds         57         0.05         0.06         0.08         0.09         0.12         0.64         0.87         0.10           Hamilton         Barton/Wentworth         58         0.06         0.08         0.17         0.23         0.33         0.13           Hamilton         Vickers Rd/East Blvd         58         0.02         0.04         0.05         0.01         0.11         0.13         0.14         0.06           Hamilton         Vickers Rd/East Blvd         58         0.02         0.04         0.05         0.01         0.11         0.13         0.14         0.06           Mississanga         Mississanga Mississanga         Mississanga Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.23         0.21         NS           Sault Ste Marie         Pumphouse, Bonney St         5         0.10         0.13         0.16         0.25         0.21         0.18         0.15         0.15         0.15         0.15         0.15         0.15	125	London	900 Hightbury Ave.	59	0.13	0.20	0.33	0.50	0.67	86.0	1.20	0.38	0.29	0
Hamilton         Burlington/Leeds         57         0.05         0.06         0.09         0.12         0.64         0.87         0.10           Hamilton         Barton/Wentworth         58         0.06         0.08         0.10         0.17         0.23         0.32         0.33         0.13           Hamilton         467 Beach Blvd         58         0.02         0.04         0.05         0.07         0.11         0.13         0.14         0.06           Hamilton         Vickers McFasst 18Th St         53         0.02         0.03         0.04         0.05         0.11         0.13         0.14         0.06           Inscisorage         Mosley/Leslie Sts         122         0.05         0.07         0.09         0.13         0.17         0.25         0.52         0.11           Mississanga         Mississanga Alta Kafort Str         28         0.03         0.07         0.09         0.13         0.16         0.25         0.21         INS           Asult Ste Marie         Pumphouse, Bonney St         5         0.10         0.13         0.16         0.25         0.25         0.14           Asult Ste Marie         Pumphouse, Bonney St         5         0.07         0.01         <	152	Thorold	185 Queen St S	54	0.02	0.04	60.0	0.13	0.20	0.37	0.40	0.10	0.07	0
Hamilton         Barton/Wentworth         58         0.06         0.08         0.10         0.17         0.23         0.32         0.33         0.13           Hamilton         4G7 Beach Blvd         58         0.02         0.04         0.05         0.07         0.11         0.13         0.14         0.06           Hamilton         Vickers RdEaxt 18Th St         53         0.02         0.02         0.03         0.04         0.05         0.01         0.01         0.05         0.03         0.04         0.05         0.01         0.07         0.09         0.03         0.01         0.03         0.01         0.03         0.01         0.01         0.03         0.01         0.03         0.01         0.01         0.03         0.01         0.03         0.01         0.01         0.03         0.01         0.03         0.01         0.03         0.01         0.03         0.01         0.03         0.01         0.03         0.01         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.03         0.04         0.0	110	Hamilton	Burlington/Leeds	57	0.05	90.0	0.08	0.09	0.12	0.64	0.87	0.10	0.08	0
Hamilton         467 Beach Blvd         58         0.02         0.04         0.05         0.07         0.11         0.13         0.14         0.06           Hamilton         Vickers Rd/Feast 18Th St         53         0.02         0.02         0.03         0.04         0.05         0.07         0.09         0.03         0.07         0.09         0.03         0.07         0.09         0.13         0.17         0.25         0.51         0.11           Mississauga         Mississauga         Mississauga         Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.22         0.21         NS           Sault Ste Marie         Pumphouse, Bonney St         55         0.07         0.11         0.13         0.16         0.27         0.35         0.14	125	Hamilton	Barton/Wentworth	58	90.0	0.08	0.10	0.17	0.23	0.32	0.33	0.13	0.11	0
Hamilton         Vickers Rd/East 18Th St         53         0.02         0.02         0.03         0.04         0.05         0.07         0.09         0.03         0.03         0.04         0.05         0.07         0.09         0.03         0.01         0.09         0.13         0.17         0.25         0.52         0.11         0.11         0.12         0.13         0.15         0.13         0.14         0.13         0.16         0.25         0.27         11         NS           Mississauga         Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.22         0.24         0.14         0.14         0.17         0.20         0.22         0.24         0.14         0.14         0.14         0.14         0.15         0.14         0.15         0.14         0.15         0.14         0.15         0.14         0.15         0.	02	Hamilton	467 Beach Blvd	58	0.02	0.04	0.05	0.07	0.11	0.13	0.14	90.0	0.05	0
Toronto         Mosley/Leslie Sis         122         0.05         0.07         0.09         0.13         0.17         0.25         0.52         0.11           Mississauga         Mississauga         Mississauga         Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.22         0.24         0.14           Sault Ste Marie         Pumphouse, Bonney St         55         0.07         0.11         0.13         0.16         0.27         0.35         0.36         0.15	114	Hamilton	Vickers Rd/East 18Th St	53	0.02	0.02	0.03	0.04	0.05	0.07	60.0	0.03	0.03	0
Mississauga         Mississauga         Mississauga Rd S/Port St         28         0.03         0.07         0.08         0.13         0.16         0.25         0.27         INS           Mississauga         Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.22         0.22         0.14           Sault Ste Marie         Pumphouse, Bonney St         55         0.07         0.11         0.13         0.16         0.27         0.35         0.36         0.15	920	Toronto	Mosley/Leslie Sts	122	0.05	0.07	0.00	0.13	0.17	0.25	0.52	0.11	0.00	0
Mississauga         Meadow Pk, Apple Lane Club         56         0.10         0.12         0.14         0.17         0.20         0.22         0.22         0.14           Sault Ste Marie         Pumphouse, Bonney St         55         0.07         0.11         0.13         0.16         0.27         0.35         0.36         0.15	147	Mississauga	Mississauga Rd S/Port St	28	0.03	0.07	80.0	0.13	91.0	0.25	0.27	INS	INS	0
Sault Ste Marie Pumphouse, Bonney St 55 0.07 0.11 0.13 0.16 0.27 0.35 0.36 0.15 0.15	117	Mississauga	Meadow Pk, Apple Lane Club	99	0.10	0.12	0.14	0.17	0.20	0.22	0.22	0.14	0.13	0
	042	Sault Ste Marie		55	0.07	0.11	0.13	0.16	0.27	0.35	0.36	0.15	0.13	0

## TABLE 23 Nitrate (NO3) in TSP Statistics (1997)

Unit =	Jnit = micrograms/m											
			Number of	_	PERCENTILES	NEN	TI	ES			Arith	Geom
Stn	City	Location	Samples	10%	30%	%09	%04	%06	%66	Max	Mean	Mean
12007	Windsor	Wright/Water St	57	2.2	2.8	4.0	5.5	9.8	13.4	15.0	4.8	4.1
12008	Windsor	467 University Av W	65	2.4	3.4	4.8	8.9	9.4	15.4	9.91	5.6	4.8
12015	Windsor	Sewage Stn Hwy 18/Prospect	56	2.4	3.7	5.1	6.7	9.2	15.2	9.91	5.6	4.9
12016	Windsor	College/South St	56	2.5	3.4	4.6	6.2	8.7	14.3	1.91	5.3	4.6
12038	Windsor	2885 Howard Av	99	2.3	3.7	8.4	6.9	10.8	21.9	28.8	0.9	5.1
12053	Amherstburg	415 Front St	54	2.5	3.5	4.9	6.7	10.2	13.7	14.4	5.6	4.9
12058	Windsor	Columbus Centre	99	2.1	3.1	4.3	6.3	8.7	13.0	14.3	5.0	4.3
14016	Courtright	Hwy40 (OPP Lambton GS)	59	1.4	2.4	3.4	5.7	7.8	14.0	18.2	4.4	3.5
22904	Nanticoke	Walpole S Ps Sandusk Rd	55	1.8	3.7	5.4	7.4	10.2	12.1	12.2	5.8	4.8
29011	Hamilton	Burlington/Leeds	57	1.4	2.7	3.2	5.0	8.2	6.7	6.6	4.2	3.4
29025	Hamilton	Barton/Wentworth	58	1.5	2.6	4.1	5.7	9.3	13.2	14.6	4.9	3.8
29102	Hamilton	467 Beach Blvd	58	9.1	3.1	4.2	0.9	9.2	11.5	11.7	4.8	4.0
29114	Hamilton	Vickers Rd/East 18Th St	53	1.6	3.3	4.9	7.0	6.6	12.2	12.6	5.5	4.4

# TABLE 24 Sulphate (SO<sub>4</sub><sup>2</sup>) in TSP Statistics (1997)

I Init	Init =miorograms/m											
	micrograms/m		Number of		P E	RCE	Z	PERCENTILES	S		Arith	Geom
Stn	City	Location	Samples	10%	30%	20%	20%	%06	%66	Max	Mean	Mean
12007	Windsor	Wright/Water St	57	10.2	13.5	15.9	18.1	21.2	24.3	26.7	15.8	15.2
12008	Windsor	467 University Av W	89	8.3	10.1	12.2	15.6	19.3	26.3	27.2	13.4	12.5
12015	Windsor	Sewage Stn Hwy 18/Prospect	99	9.3	12.1	14.0	17.1	22.2	26.7	28.5	14.8	14.0
12016	Windsor	College/South St	99	9.3	11.6	13.9	14.9	9.61	28.1	31.5	14.0	13.3
12038	Windsor	2885 Howard Av	98	8.4	10.3	13.1	16.1	21.1	29.2	30.6	14.1	13.1
12053	Amherstburg	415 Front St	54	8.2	10.7	13.0	14.7	18.6	36.7	47.5	13.7	12.7
12058	Windsor	Columbus Centre	98	8.1	8.6	12.5	14.7	17.4	24.6	25.5	12.6	11.7
14016	Courtright	IIwy40 (OPP Lambton GS)	59	6.9	9.1	11.7	14.1	18.1	21.4	22.0	12.0	11.3
22904	Nanticoke	Walpole S Ps Sandusk Rd	55	7.0	10.5	12.5	14.3	21.8	36.7	38.8	13.8	12.5
29011	Hamilton	Burlington/Leeds	57	8.7	11.0	13.3	15.7	20.9	24.2	24.3	14.1	13,4
29025	Hamilton	Barton/Wentworth	58	9.4	11.2	13.2	17.7	23.1	25.8	26.8	14.7	13.7
29102	Hamilton	467 Beach Blvd	58	9.1	12.6	14.4	18.0	21.1	36.0	48.0	15.7	14.7
29114	Hamilton	Vickers Rd/East 18Th St	53	8.5	10.3	12.1	15.9	20.8	26.5	26.6	13.5	12.6

TABLE 25 Inhalable Particles (PM<sub>10</sub>) 24-Hour Statistics (1997)

Unit =micrograms/m<sup>3</sup>

24h PM<sub>10</sub> Interim AAQC is 50 ug/m<sup>3</sup>

			INTRIBUTED OF		1	1	4 17	I ENCE IN I LEES	2		WILLIAM	Geom 70 of days	o or uny
Stn City		Location	Samples	%01	30%	%05	%04	%06	%66	Max.	Mean	Mean	>50
12507 Windson	sor	Wright/Water St	54	15.0	20.9	24.5	28.1	36.4	54.8	58.0	25.9	23.9	3.7
12508 Windsor	sor	467 University Ave W	54	13.3	16.0	23.5	27.0	39.4	60.2	65.0	24.3	22.2	3.7
12513 Windsor	sor	3665 Wyndotte St E	54	12.0	20.0	26.5	33.2	55.0	79.0	79.0	30.5	26.1	14.8
4550 Samia	. 2	6th Line, Moore TWP	48	0.9	12.1	15.5	20.9	29.3	43.1	45.0	17.3	14.6	0.0
4564 Sarnia	a	Centennial PK/Front St	56	9.5	13.5	17.0	25.0	34.0	44.1	49.0	20.1	17.6	0.0
5525 London	on	900 Highbury Ave. E.	57	8.0	12.0	16.0	21.2	26.4	42.8	45.0	17.5	15.4	0.0
22304 Nantio	Nanticoke	Walpole Ps Sandusk Rd	89	7.0	11.0	13.0	17.0	28.2	39.6	46.0	15.3	13.3	0.0
27308 St Cal	St Catharines	71 King Street	99	9.5	14.0	18.0	23.0	29.5	45.7	49.0	19.6	17.8	0.0
27352 Thorold	plc	185 Queen St S	89	17.6	23.4	29.0	43.8	70.2	104.4	134.0	36.8	31.6	18.6
29300 Hamilton	ilton	PM10 Elgin/Kelly St	99	10.0	13.5	21.0	23.0	41.0	57.3	0.09	22.0	19.1	5.4
29302 Hamilton	lton	467 Beach Blvd	98	8.0	18.0	25.0	30.0	41.0	56.2	0.09	25.4	22.1	5.4
29313 Hamilton	Iton	Gertrude/Depew	90	17.0	21.7	26.5	34.0	65.1	88.6	91.0	33.1	29.0	14.0
29324 Hamilton	Iton	Buchanan Park Ps	49	0.6	13.0	16.0	22.6	31.6	51.0	52.0	19.4	17.3	2.0
31327 Toronto	oth	Queen/University	52	14.0	19.0	24.5	32.0	46.9	60.5	62.0	27.8	25.0	5.8
35127 Etobicoke	coke	Evans/Arnold	54	14.0	19.0	27.0	31.0	36.0	46.5	47.0	25.7	24.0	0.0
44127 Oakville	ille	Bronte Rd/Woburn Cr	54	10.3	14.9	18.0	24.0	33.4	46.0	46.0	20.4	18.5	0.0
46127 Missi	Mississauga	Meadwood Park	53	0.6	11.6	18.0	22.0	37.6	52.2	61.0	19.7	17.0	1.9
56051 Cornwall	wall	Memorial Pk Bedford/Third	46	14.0	20.5	25.5	30.0	38.5	70.5	75.0	26.8	24.2	6.5
62135 Fort F	Fort Frances	Legion 250 Church	54	5.3	6.6	13.0	22.0	35.4	64.3	85.0	17.8	13.6	1.9
63201 Thun	hunder Bay	615 James St S	65	0.9	10.0	14.0	17.0	29.4	48.7	51.0	16.0	13.5	1.7
1342 Sault	Sault Ste Marie	Bonney St	09	11.0	18.0	24.5	44.3	57.5	127.4	128.0	34.4	26.4	20.0
11368 Sault	Sault Ste Marie	Wm Merrifield S	09	8.0	12.0	14.5	22.0	27.1	46.9	51.0	17.6	15.4	1.7
7326 Sudbury	ury	19 Lisgar St	57	7.6	0.6	13.0	16.0	22.4	33.3	35.0	13.8	12.5	0.0
Conn.	Conner Cliff	Market Ca	07	0	0	000	0	0 40	200	0			

Note: measurements made by modified hi-vol sampler

TABLE 26 Copper (Cu) in PM<sub>10</sub> Statistics (1997)

Unit = micrograms/m<sup>3</sup>

			Number of		P E	PERCENTILES	III	ES			Arith	Geom
Stn	City	Location	Samples	10	30	50	70	06	66	Max	Mean	Mean
12507	Windsor	Wright/Water St	54	0.005	0.005	0.005	0.005	0.005	0.025	0.030	0.007	0.006
12508	Windsor	467 University Ave W	54	0.005	0.005	0.005	0.005	0.005	0.020	0.020	0.006	0.005
12513	Windsor	3665 Wyndotte St E	54	0.005	0.005	0.005	0.005	0.020	0.040	0.040	0.010	0.007
14550	Samia	6th Line, Moore TWP	48	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
14564	Sarnia	Centennial PK/Front St	56	0.005	0.005	0.005	0.005	0.020	0.030	0.030	0.008	0.007
15525	London	900 Highbury Ave. E.	57	0.005	0.005	0.005	0.005	0.020	0.029	0.040	0.008	0.007
22304	Nanticoke	Walpole Ps Sandusk Rd	59	0.005	0.005	0.005	0.005	0.005	0.020	0.020	0.000	0.005
27308	St Catharines	71 King Street	56	0.005	0.005	0.005	0.020	0.025	0.035	0.040	0.012	0.000
27352	Thorold	185 Queen St S	65	0.005	0.005	0.005	0.005	0.020	0.034	0.040	0.008	900.0
29300	Hamilton	Elgin/Kelly St	56	0.013	0.020	0.030	0.040	0.050	0.084	0.100	0.031	0.025
29302	Hamilton	467 Beach Blvd	56	0.005	0.005	0.005	0.020	0.020	0.035	0.040	0.013	0.010
29313	Hamilton	Gertrudc/Depew	50	0.005	0.005	0.020	0.030	0.090	0.135	0.140	0.032	0.017
29324	Hamilton	Buchanan Park Ps	49	0.005	0.005	0.005	0.005	0.030	0.035	0.040	0.009	0.007
31327	Toronto	Queen/University	52	0.005	0.020	0.020	0.030	0.040	0.050	0.050	0.023	0.018
35127	Etobicoke	Evans/Arnold	54	0.005	0.005	0.005	0.020	0.020	0.030	0.030	0.011	0.008
44127	Oakville	Bronte Rd/Woburn Cr	54	0.005	0.005	0.005	0.005	0.020	0.020	0.020	0.009	0.007
46127	Mississauga	Meadwood Park	53	0.005	0.020	0.020	0.024	0.040	0.050	0.050	0.023	0.019
56051	Comwall	Memorial Pk Bedford/Third	46	0.005	0.000	0.020	0.030	0.035	0.056	0.000	0.022	0.018
62135	Fort Frances	Legion 250 Church	54	0.005	0.005	0.005	0.005	0.005	0.017	0.030	0.005	0.005
63201	Thunder Bay	615 James St S	65	0.005	0.005	0.005	0.005	0.005	0.024	0.030	900.0	0.005
71342	Sault Ste Maric	Bonney St	09	0.005	0.005	0.005	0.005	0.005	0.024	0.030	900.0	900.0
71368	Sault Ste Marie	Wm Merrifield S	09	0.005	0.005	0.005	0.020	0.020	0.030	0.030	0.011	0.008
77326	Sudpury	19 Lisgar St	57	0.005	0.02	0.04	80.0	0.164	0.378	0.630	0.065	0.032
77570	Copper Cliff	Market St	09	0.020	0.040	0.075	0.149	0.626	3,646	4.000	0.343	0.092

Note: measurements made by modified hi-vol sampler

TABLE 27 Iron (Fe) in PM<sub>10</sub> Statistics (1997)

			Number of		PER	PERCENTILES	TIL	ES			Arith.	Geom
Stn	City	Location	Samples	10%	30%	20%	%02	%06	%66	Max	Mean	Mean
12507	Windsor	Wright/Water St	54	0.20	0.59	08.0	1.10	1.74	2.89	3.10	0.93	0.70
12508	Windsor	467 University Ave W	54	0.20	0.30	0.40	09.0	0.97	1.49	1.60	0.52	0.43
12513	Windsor	3665 Wyndotte St E	54	0.20	0.39	0.70	1.43	3.62	87.9	8.10	1.38	0.72
14550	Sarnia	6th Line, Moore TWP	48	0.05	0.10	0.10	0.20	0.30	0.45	0.50	0.16	0.12
14564	Sarnia	Centennial PK/Front St	56	0.10	0.10	0.20	0.25	0.40	0.55	09.0	0.21	0.18
15525	London	900 Highbury Ave. E.	57	0.05	0.10	0.20	0.30	0.40	0.64	0.70	0.22	0.17
22304	Nanticoke	Walpole Ps Sandusk Rd	59	0.05	0.10	0.20	0.30	09.0	06.0	06.0	0.25	0.18
27308	St Catharines	71 King Street	56	0.10	0.20	0.20	0.30	0.40	0.55	09'0	0.25	0.22
27352	Thorold	185 Queen St S	59	0.20	0.40	09.0	06.0	1.92	4.00	5.10	0.87	09.0
29300	Hamilton	Elgin/Kelly St	56	0.20	0.30	0.40	09.0	1.85	3.87	5.30	0.72	0.46
29302	Hamilton	467 Beach Blvd	56	0.10	0.45	1.15	1.90	2.20	3.60	4.20	1.23	0.75
29313	Hamilton	Gertrude/Depew	50	0.49	0.70	1.05	2.23	9.61	13.02	14.00	2.72	1.42
29324	Hamilton	Buchanan Park Ps	49	0.10	0.20	0.30	0.40	1.56	3.78	4.40	0.59	0.30
31327	Toronto	Queen/University	52	0.30	0.40	0.55	0.80	1.49	1.95	2.10	0.71	0.58
35127	Etobicoke	Evans/Amold	54	0.20	0.30	0.50	09.0	0.87	1.35	1.40	0.54	0.46
44127	Oakville	Bronte Rd/Woburn Cr	54	0.10	0.20	0.30	0.40	0.70	1.25	1.30	0.36	0.28
46127	Mississauga	Meadwood Park	53	0.05	0.10	0.20	0.30	09.0	06.0	06.0	0.26	0.18
15095	Comwall	Memorial Pk Bedford/Third	46	0.08	0.10	0.20	0.25	0.40	0.56	09.0	0.22	0.18
62135	Fort Frances	Legion 250 Church	54	0.07	0.19	0.30	0.40	0.70	0.95	1.00	0.32	0.23
63201	Thunder Bay	615 James St S	65	0.10	0.20	0.50	09.0	1.40	1.89	2.30	0.56	0.39
71342	Sault Ste Marie	Bonney St	09	0.30	0.77	1.65	2.63	7.18	29.84	44.00	3.39	1.41
71368	Sault Ste Marie	Wm Merrifield S	09	0.10	0.20	0.45	0.80	2.30	5.51	7.40	98.0	0.42
77326	Sudbury	19 Lisgar St	57	0.10	0.20	0.30	0.40	09.0	1.12	1.40	0.33	0.27
77570	Copper Cliff	Market St	09	0.10	0.20	0.30	0.40	1.00	3.42	4.90	0.51	0.32

Note: measurements made by modified hi-vol sampler

TABLE 28 Manganese (Mn) in PM $_{10}$  Statistics (1997) Unit = micrograms/m $^{3}$ 

			Number of		PE	RCEI	PERCENTILES	ES			Arith	Geom
Stn	City	Location	Samples	10%	30%	%05	%02	%06	%66	Max	Mean	Mean
12507	Windsor	Wright/Water St	54	900.0	0.016	0.022	0.030	0.039	0.064	0.068	0.024	0.019
12508	Windsor	467 University Ave W	54	0.008	0.010	0.014	0.020	0.036	0.054	990.0	0.018	0.014
12513	Windsor	3665 Wyndotte St E	54	900.0	0.012	0.027	0.063	0.224	0.374	0.390	0.074	0.030
14550	Sarnia	6th Line, Moore TWP	48	0.001	0.001	0.004	900.0	600.0	0.013	0.014	0.005	0.003
14564	Sarnia	Centennial PK/Front St	99	0.001	0.004	0.008	0.008	0.012	0.023	0.024	0.007	900.0
15525	London	900 Highbury Ave. E.	57	0.004	900.0	0.010	0.012	0.020	0.028	0.028	0.011	0.009
22304	Nanticoke	Walpole Ps Sandusk Rd	59	0.001	0.004	900'0	0.012	0.022	0.031	0.032	0.009	0.007
27308	St Catharines	71 King Street	99	0.004	0.009	0.014	0.018	0.021	0.026	0.026	0.013	0.012
27352	Thorold	185 Queen St S	59	800.0	0.018	0.024	0.037	0.077	0.127	0.150	0.034	0.024
29300	Hamilton	Elgin/Kelly St	99	0.010	0.018	0.021	0.029	0.100	0.252	0.290	0.043	0.027
29302	Hamilton	467 Beach Blvd	99	900.0	0.020	0.056	0.084	0.120	0.199	0.210	0.060	0.034
29313	Hamilton	Gertrude/Depew	50	0.027	0.042	690.0	0.153	0.471	0.706	0.730	0.156	0.087
29324	Hamilton	Buchanan Park Ps	49	900.0	0.009	0.012	0.024	0.078	0.185	0.190	0.031	0.016
31327	Toronto	Queen/University	52	0.014	0.020	0.025	0.032	0.052	0.064	0.000	0.028	0.025
35127	Etobicoke	Evans/Arnold	54	0.014	0.018	0.025	0.032	0.048	990.0	990.0	0.028	0.025
44127	Oakville	Bronte Rd/Woburn Cr	54	0.005	0.008	0.014	910.0	0.029	0.052	0.062	0.016	0.012
46127	Mississauga	Meadwood Park	53	0.001	900.0	0.008	0.013	0.024	0.034	0.038	0.011	0.007
56051	Comwall	Memorial Pk Bedford/Third	46	0.004	900.0	0.008	0.010	0.014	0.020	0.022	0.008	0.007
62135	Fort Frances	Legion 250 Church	54	0.001	0.004	900.0	0.010	0.018	0.034	0.042	0.009	900.0
63201	Thunder Bay	615 James St S	59	0.004	900.0	0.012	0.018	0.036	0.052	990.0	0.015	0.010
71342	Sault Ste Marie	Bonney St	09	0.016	0.043	0.089	0.163	0.264	0.629	0.930	0.129	0.075
71368	Sault Ste Marie	Wm Merrifield S	09	0.004	0.012	0.022	0.055	0.091	0.197	0.250	0.042	0.021
77326	Sudbury	19 Lisgar St	57	0.004	900'0	900.0	0.010	0.017	0.028	0.028	0.000	0.007
77570	Copper Cliff	Market St	09	0.001	0.004	900.0	800.0	0.014	0.026	0.034	800.0	900.0

Note: measurements made by modified hi-vol sampler

TABLE 29 Sulphate (SO<sub>4</sub><sup>2</sup>) in PM<sub>10</sub> Statistics (1997)

			Number of		PER	PERCENTILES	TILL	E S			Arith	Geom
Stn	City	Location	Samples	10%	30%	%09	%02	%06	%66	Max	Mean	Mean
12507	Windsor	Wright/Water St	54	2.0	3.6	4.2	5.2	7.9	17.2	18.5	5.0	4.3
12508	Windsor	467 University Ave W	54	1.8	2.9	4.0	4.8	7.5	17.7	19.5	4.8	3.9
12513	Windsor	3665 Wyndotte St E	54	9.1	2.9	3.8	4.6	7.7	9.91	18.3	4.5	3.7
14550	Sarnia	6th Line, Moore TWP	48	1.7	2.4	3.8	5.6	9.4	13.0	13.2	4.8	3.7
14564	Samia	Centennial PK/Front St	98	1.5	2.8	3.8	9.9	9.4	14.4	14.6	5.1	4.0
15525	London	900 Highbury Ave. E.	57	1.2	2.0	2.8	3.8	5.9	15.1	8.91	3.6	2.8
22304	Nanticoke	Walpole Ps Sandusk Rd	89	1.5	2.6	3.6	5.0	8.7	17.2	6.61	4.6	3.6
27308	St Catharines	71 King Street	99	1.5	2.5	3.1	4.3	9.8	15.1	18.3	4.2	3.4
27352	Thorold	185 Oueen St S	65	00.1	2.5	3.2	4.5	8.3	14.8	18.6	4.3	3.5
29300	Hamilton	Elgin/Kelly St	56	1.4	2.6	3.4	4.8	8.1	15.1	17.8	4.4	3.5
29302	Hamilton	467 Beach Blvd	98	1.5	3.1	3.9	5.0	7.7	14.0	16.7	4.5	3.8
29313	Hamilton	Септиде/Осрем	50	1.9	3.2	4.2	4.7	7.7	13.1	15.8	4.5	3.9
29324	Hamilton	Buchanan Park Ps	49	1.4	2.6	3.6	4.8	6.9	10.1	9.01	4.0	3.5
31327	Toronto	Oueen/University	52	1.5	2.5	3.5	4.5	8.1	13.0	14.8	4.2	3.5
35127	Ftobicoke	Evans/Arnold	54	1.5	2.8	3.8	5.0	8.8	10.4	8.01	4.4	3.7
44127	Oakville	Bronte Rd/Woburn Cr	54	1.5	2.6	3,3	4.8	7.7	11.2	11.2	4.1	3.4
46127	Mississauga	Meadwood Park	53	1.5	2.6	3.3	5.2	8.0	17.3	20.2	4.6	3.7
56051	Cornwall	Memorial Pk Bedford/Third	46	2.0	3.3	5.3	7.7	11.9	22.2	23.7	9.9	5.1
62135	Fort Frances	Legion 250 Church	54	0.7	1.2	1.5	2.7	5.3	10.8	13.4	2.4	1.7
63201	Thunder Bay	615 James St S	59	0.7	0.1	1.3	1.6	3.3	4.8	8.4	9.1	1.3
71342	Sault Ste Marie	Bonney St	09	8.0	1.8	2.6	4.4	6.9	11.6	15.7	3.5	2.7
71368	Sault Ste Marie	Wm Merrifield S	09	0.8	1.2	8.1	2.8	4.5	9.7	7.8	2.4	1.9
77326	Sudbury	19 Lisgar St	57	0.7	1.2	2.0	3.0	5.0	7.3	7.5	2.4	1.9
77570	Copper Cliff	Market St	09	0.7	1.2	2.1	2.8	5.1	8.9	6.9	2.5	1.9

Note: measurements made by modified hi-vol sampler

#### TABLE 30 10-YEAR TREND FOR SO2 Annual Mean (ppb)

City	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
BURLINGTON	4.0	7.0	0.9	3.0	0.9	0.9	4.0	2.0	4.0	5.1
CORNWALL	0.9	7.0	5.0	5.0	5.0	7.0	12.0	5.0	5.0	3.9
ETOBICOKE	0.9	5.0	0.9	0.9	8.0	5.0	4.0	3.0	4.0	4.9
HAMILTON	8.0	10.0	7.0	7.0	7.0	0.9	5.0	8.0	9.0	5.8
KITCHENER *	3.0	3.0	n/a	3.0	3.0	3.0	3.0	2.0	3.0	3.1
FONDON #	4.0	0.9	4.0	5.0	4.0	3.0	4.0	2.0	3.0	2.5
LONG POINT	2.0	3.0	4.0	4.0	5.0	2.0	3.0	2.0	3.0	2.7
MISSISSAUGA	4.0	4.0	4.0	5.0	0.9	3.0	3.0	2.0	n/a	n/a
NIAGARA FALLS	2.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0	5.0	n/a
NORTH YORK ^	2.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	5.0	4.4
OAKVILLE	5.0	0.9	5.0	5.0	4.0	5.0	4.0	2.0	5.0	2,4
OSHAWA	0.9	0.9	4.0	4.0	4.0	3.0	2.0	2.0	5.0	4.6
OTTAWA	2.0	3.0	2.0	3.0	2.0	2.0	1.0	1.0	5.0	6.3
SARNIA	0.6	8.0	12.0	0.6	0.6	10.0	9.0	0.9	7.0	8.5
SCARBOROUGH	8.0	0.9	0.9	4.0	3.0	3.0	3.0	4.0	0.9	5.2
SIMCOE	5.0	5.0	4.0	3.0	3.0	3.0	2.0	2.0	3.0	3.2
ST CATHARINES	11.0	0.9	4.0	5.0	5.0	3.0	3.0	5.0	0.9	5.8
STOUFFVILLE	3.0	4.0	3.0	4.0	3.0	3.0	4.0	3.0	3.0	3.3
SUDBURY	10.0	8.0	8.0	5.0	4.0	4.0	3.0	4.0	5.0	3.5
THUNDER BAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
TIVERTON	3.0	2.0	1.0	1.0	1.0	1.0	2.0	0.1	2.0	2.0
TORONTO	7.0	8.0	0.9	5.0	8.0	7.0	3.0	3.0	5.0	5.3
WINDSOR	11.0	8.0	7.0	7.0	0.9	0.9	0.9	5.0	10.0	6.7
COMPOSITE MEAN	5.3	5.3	4.8	4.3	4.5	4.0	3.8	3.0	4.5	4.2

<sup>\*</sup> Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990,

<sup>#</sup> Site change from King/Rectory (15001) to 900 Highbury Ave (15025) in 1995 ^ Site changed location from Science Centre (34002) to North York Central (34020) in 1992.

n/a - data not available

TABLE 31 10-YEAR TREND FOR SP

Annual Mean (COII units/1000ft)

City	1988	1989	1990	1661	1992	1993	1994	1995	1996	1997
CORNWALL	0.10	0.11	0.19	0.17	0.19	0.22	0.19	0.22	0.26	0.15
ETOBICOKE	0.43	0.59	0.52	0.50	0.46	0.51	0.38	0.33	0.29	0.26
HAMILTON	0.46	0.50	0.42	0.41	0.45	0.48	0.47	0.39	0.43	0.33
LONDON *	0.25	0.33	0.28	0.25	0.24	0.25	0.25	0.20	0.21	0.17
NIAGARA FALLS	0.20	0.32	0.25	0.24	0.20	0.21	0.27	0.24	0.23	n/a
NORTH YORK #	0.34	0.41	0.30	0.33	0.31	0.35	0.40	0.38	0.37	0.28
OSHAWA	0.31	0.37	0.37	0.35	0.31	0.36	0.37	0.23	0.26	0.24
OTTAWA	0.23	0.36	0.35	0.25	0.28	0.24	0.22	0.18	0.18	0.16
SARNIA	0.24	0.30	0.28	0.24	0.22	0.20	0.20	0.18	0.17	0.18
SCARBOROUGH	0.37	0.42	0.36	0.34	0.30	0.30	0.34	0.32	0.28	0.28
SUDBURY	0.21	0.18	0.12	0.17	0.17	0.21	0.19	0.14	0.15	0.12
ST CATHARINES	0.23	0.25	0.25	0.25	0.26	0.27	0.25	0.24	0.24	0.2
TORONTO	0.34	0.37	0.38	0.40	0.39	0.42	0.38	0.38	0.44	0.35
WINDSOR	0.44	0.40	0.40	0.30	0.34	0.36	0.28	0.31	0.26	0.15
COMPOSITE MEAN	0.30	0.35	0.32	0.30	0.29	0.31	0.30	0.27	0.27	0.22

<sup>#</sup> Site changed location from Science Centre (34002) to North York Central (34020) in 1992. \* Site changed from King/Rectory (15001) to 900 Highbury Ave (15025)

TABLE 32 10-YEAR TREND FOR TRS

n/a - data not available

Annual Mean (ppb)

7.60	1000	1000	1000	1001	1000	1002	1001	2000	1000	4007
City	1700	1909	1220	1221	7661	1773	1774	6661	1930	1661
CORNWALL	2.5	3.4	3.4	2.9	2.3	1.8	2.5	1.3	1.2	2.0
FORT FRANCES	5.9	4.9	5.5	4.3	4.2	4.2	2.4	2.5	2.7	2.6
HAMILTON	8.0	8.0	6.0	8.0	9.0	0.7	1.1	1.2	1.4	1.0
MARATHON	2.2	1.5	1.1	6.0	0.5	0.7	6.0	0.5	0.4	0.2
OAKVILLE	1.4	1.1	1.3	1.6	0.5	1.0	1.3	0.3	1.3	1.3
RED ROCK	2.9	1.4	1.7	1.4	2.0	1.9	3.2	1.1	1.2	1.6
TERRACE BAY	2.1	1.4	1.3	1.3	1.7	1.7	1.1	1.7	1.3	1.0
TIVERTON	6.0	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.1
THUNDER BAY	1.0	1.0	0.2	0.2	0.3	0.2	0.3	0.3	8.0	-:
COMPOSITE MEAN	2.1	1.7	1.7	1.5	1.1	1.3	1.4	1.0	1.1	1.2

#### TABLE 33 10-YEAR TREND FOR CO Annual Mean (ppm)

CITY	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
CORNWALL	9.0	8.0	9.0	8.0	0.5	8.0	0.5	9.0	9.0	1.1
ETOBICOKE	1.2	0.7	8.0	8.0	9.0	0.7	0.7	8.0	0.7	1.0
HAMILTON	1.2	1.2	1.2	1.1	1.2	1.1	8.0	9.0	1.0	0.7
KITCHENER *	0.0	1.1	n/a	9.0	0.5	0.4	0.3	0.3	6.4	0.2
LONDON #	0.5	6.0	9.0	0.7	0.7	9.0	0.5	0.1	0.0	0.3
NORTH YORK ^	8.0	8.0	1.0	0.7	1.0	1.1	6.0	0.5	6.0	0.7
OAKVILLE	6.0	6.0	0.5	0.5	0.3	0.7	0.7	0.5	0.7	0.3
OSHAWA	1.1	6.0	6.0	8.0	6.0	6.0	1.0	8.0	9.0	0.4
OTTAWA	0.5	0.7	0.7	1.0	1.1	6.0	8.0	9.0	0.7	0.4
SARNIA	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.2	0.2
SCARBOROUGH	1.1	1.0	1.2	1.2	1.0	8.0	1.0	0.1	1.1	9.0
ST CATHARINES	n/a	1.0	6.0	1.0	0.7	0.5	0.4	0.2	0.3	0.1
SUDBURY	0.3	0.4	0.5	0.3	0.1	0.1	0.1	0.0	0.1	0.0
TORONTO	9.0	6.0	1.1	1.1	1.0	1.1	1.0	0.7	1.3	1.2
WINDSOR	6.0	1.0	1.2	1.0	6.0	8.0	1.0	6.0	8.0	9.0
COMPOSITE MEAN	8.0	8.0	8.0	8.0	0.7	0.7	0.7	0.5	9.0	0.5

\* Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990.

# Site changed location from King/Rectory to 900 Highbury Ave in 1995

^ Site changed location from Science Centre (34002) to North York Central (34020) in 1992.

### TABLE 34 10-YEAR TREND FOR NO2

Annual Mean (ppb)

City	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
CORNWALL	8.0	0.6	8.0	0.9	10.0	8.0	0.6	8.0	12.0	8.0
ETOBICOKE	21.0	30.0	26.0	25.0	26.0	26.0	27.0	25.0	25.0	26.7
HAMILTON	24.0	26.0	22.0	22.0	19.0	22.0	22.0	19.0	22.0	18.6
KITCHENER *	27.0	25.0	n/a	13.0	15.0	14.0	14.0	0.11	13.0	13.7
LONDON #	20.0	22.0	21.0	0.61	18.0	20.0	23.0	20.0	18.0	18.0
NORTH YORK ^	27.0	28.0	28.0	29.0	24.0	21.0	20.0	18.0	22.0	20.2
OAKVILLE	16.0	16.0	17.0	17.0	16.0	0.61	17.0	17.0	20.0	20.8
OSHAWA	24.0	24.0	0.61	18.0	18.0	19.0	18.0	20.0	19.0	18.6
OTTAWA	16.0	17.0	16.0	20.0	17.0	19.0	19.0	16.0	13.0	12.5
SARNIA	15.0	19.0	21.0	19.0	20.0	0.91	18.0	17.0	16.0	16.9
SCARBOROUGH	25.0	27.0	25.0	24.0	19.0	0.01	22.0	25.0	23.0	23.4
ST CATHARINES	18.0	21.0	16.0	16.0	12.0	17.0	17.0	14.0	16.0	13.8
SUDBURY	10.0	11.0	0.6	0.6	0.0	0.01	11.0	12.0	8.0	7.4
TORONTO	25.0	27.0	25.0	29.0	27.0	29.0	30.0	30.0	34.0	31.7
WINDSOR	30.0	27.0	25.0	25.0	25.0	26.0	28.0	25.0	26.0	23.8
COMPOSITE MEAN	20.4	21.9	19.9	19.4	18.3	19.0	19.7	18.5	19.1	18.3

<sup>\*</sup> Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990.

Site changed location from Science Centre (34002) to North York Central (34020) in 1992. # Site changed location from King/Rectory to 900 Highbury Ave in 1995

### TABLE 35 10-YEAR TREND FOR NO Annual Mean (ppb)

CITY	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
CORNWALL	10.0	0.6	8.0	0.9	8.0	7.0	0.9	0.9	8.0	6.3
ETOBICOKE	26.0	29.0	23.0	19.0	25.0	22.0	23.0	19.0	22.0	18.6
HAMILTON	17.0	14.0	12.0	11.0	15.0	17.0	18.0	16.0	15.0	10.8
KITCHENER *	47.0	45.0	n/a	5.0	0.9	0.9	8.0	7.0	7.0	5.5
LONDON #	15.0	15.0	16.0	11.0	13.0	13.0	18.0	15.0	10.0	7.6
NORTH YORK ^	21.0	26.0	38.0	20.0	21.0	16.0	17.0	18.0	17.0	16.3
OAKVILLE	36.0	30.0	15.0	11.0	13.0	0.91	15.0	15.0	16.0	14.9
OSHAWA	14.0	18.0	20.0	14.0	14.0	17.0	19.0	18.0	15.0	16.4
OTTAWA	11.0	12.0	0.6	0.6	11.0	12.0	11.0	7.0	8.0	7.0
SARNIA	0.9	7.0	7.0	0.9	7.0	7.0	9.0	0.9	7.0	7.0
SCARBOROUGH	33.0	33.0	27.0	26.0	25.0	24.0	26.0	24.0	23.0	24.9
ST CATHARINES	10.0	11.0	11.0	8.0	14.0	12.0	10.0	10.0	13.0	10.3
SUDBURY	5.0	0.9	5.0	5.0	4.0	4.0	5.0	0.9	0.9	4.9
TORONTO	18.0	22.0	21.0	n/a	25.0	27.0	25.0	23.0	42.0	32.9
WINDSOR	14.0	15.0	0.91	19.0	18.0	17.0	17.0	15.0	16.0	15.9
COMPOSITE MEAN	18.9	19.5	16.3	12.1	14.6	14.5	15.1	13.7	15.0	13.3

\* Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990.

# Site change location from King/Rectory (15001) to 900 Highbury Ave (15025) in 1995

 Site changed location from Science Centre (34002) to North York Central (34020) in 1992. n/a - data not available

### TABLE 36 10-YEAR TREND FOR NO.

Annual Mean (ppb)

All	1988	1989	1990	1661	1992	1993	1994	1995	1996	1997
ORNWALL	17.0	19.0	18.0	16.0	19.0	17.0	17.0	0.91	17.0	14.5
STORICOKE	46.0	019	50.0	44.0	51.0	49.0	49.0	45.0	47.0	45.2
TANGIT TON	41.0	40.0	35.0	33.0	33.0	39.0	40.0	35.0	37.0	29.5
TAIMILION	73.0	70.07	39.0	21.0	22.0	21.0	23.0	20.0	20.0	19.2
ONDON #	35.0	37.0	34.0	31.0	34.0	35.0	38.0	32.0	28.0	24.4
NORTH VORK ^	49.0	54.0	0.99	49.0	45.0	37.0	38.0	36.0	39.0	36.7
OAKVII I E	36.0	42.0	31.0	28.0	30.0	35.0	34.0	32.0	33.0	32.8
OSHAWA	36.0	42.0	40.0	32.0	33.0	36.0	37.0	36.0	35.0	34.9
OTTAWA	26.0	29.0	25.0	29.0	28.0	29.0	28.0	22.0	25.0	19.6
CAPNIA	21.0	28.0	29.0	26.0	26.0	23.0	28.0	23.0	23.0	24.9
SCAPROBOTIGH	58.0	0.09	51.0	50.0	46.0	46.0	50.0	49.0	45.0	47.5
ST CATHARINES	29.0	33.0	27.0	24.0	27.0	30.0	28.0	25.0	29.0	24.5
SUDBURY	15.0	16.0	14.0	14.0	14.0	16.0	17.0	17.0	14.0	12.5
TORONTO	44.0	48.0	46.0	54.0	52.0	55.0	54.0	55.0	0.97	64.3
WINDSOR	44.0	42.0	41.0	42.0	42.0	42.0	42.0	38.0	39.0	39.3
COMPOSITE MEAN	38.0	41.4	36.4	32.9	33.5	34.0	34.9	32.1	33.8	31.3

<sup>\*</sup> Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990. # Site change from King/Rectory (15001) to 900 Highbury Ave (15025) in 1995

<sup>^</sup> Site changed location from Science Centre (34002) to North York Central (34020) in 1992.

n/a - data not available

VITV	1988	6861	0661	1661	1992	1993	1994	1995	9661	1997
ORNWALL	24.0	20.4	21.2	20.7	20.8	21.6	21.7	23.5	21.0	22.8
FTORICOKE	19.3	6.91	16.4	0.61	15.4	16.0	17.4	16.3	17.1	19.4
CIN'I BUND	29.7	28.0	27.4	n/a	29.7	31.3	30.2	31.3	31.9	31.2
IIAMII TON	17.9	16.7	17.6	19.9	16.9	6.91	17.0	18.0	17.3	18.1
KITCHENER *	21.6	19.9	n/a	27.2	22.7	23.2	24.4	25.1	23.8	23.4
# NOUNO	23.7	22.9	22.1	22.7	20.3	22.8	23.1	21.7	23.1	22.8
ONG POINT	38.4	35.7	33.0	33.9	32.3	31.2	32.2	31.0	34.4	35.2
MANDAUMIN	30.0	28.4	23.7	28.1	23.5	24.5	24.6	24.0	23.4	27.9
MERLIN	31.5	27.2	26.0	28.4	24.3	23.7	24.2	28.0	28.6	27.0
MISSISSAUGA	17.7	18.6	17.8	18.6	15.6	1.91	19.5	19.2	19.4	20.0
OAKVILLE	20.9	22.1	22.2	22.1	19.3	21.0	22.5	20.4	21.1	20.8
OSHAWA	20.2	21.9	18.8	22.6	20.3	21.4	23.8	22.7	21.9	23.2
OTTAWA	20.7	20.9	21.5	20.8	17.4	18.1	19.7	20.9	18.9	20.6
SARNIA	22.6	25.3	21.4	23.4	21.3	22.6	21.4	22.2	25.2	24.5
SCARROROUGH	17.7	17.9	17.6	1.61	14.3	17.0	18.2	19.3	18.9	18.0
SIMCOE	31.2	28.6	26.3	29.1	25.1	27.8	30.2	30.7	29.9	28.6
STCATHARINES	23.6	20.8	23.8	25.0	19.3	23.9	23.6	20.5	20.3	20.9
STOUFFVILLE	26.6	28.1	24.9	25.0	23.0	23.0	25.3	24.4	26.4	30.1
SUDBURY	29.5	28.9	27.2	27.0	25.4	25.9	27.1	29.7	28.1	28.0
TIVERTON	34.6	33.1	31.3	34.2	33.4	32.2	31.7	31.6	32.0	32.5
TORONTO	17.5	16.9	15.7	18.0	12.5	14.6	6.91	16.6	12.2	13.7
WINDSOR	23.5	20.6	17.1	17.6	15.1	17.1	18.0	18.3	20.4	20.7
NASM STISOMACO	24.4	23.4	21.8	24.3	21.2	23.1	23.9	23.4	23.4	24.1

<sup>\*</sup> Site changed location from Edna/Frederick St (26029) to West Ave/Homewood (26060) in 1990. # Site change from King/Rectory (15001) to 900 Highbury Ave (15025) in 1995 n/a - data not available

Table A38 Stations Used in Gaseous Trends

City	Station# (Sampling Period)
Burlington	44008 (1988 - 1997)
Cornwall	56051 (1988 - 1997)
Etobicoke	35003 (1988 - 1997)
Fort Frances	62030 (1988 - 1997)
Hamilton	29000 (1988 - 1997)
Grand Bend	10001 (1988 - 1990);15020 (1991-1997)
Kitchener	26029 (1988 - 1990);26060 (1991-1997)
London	15001 (1988 - 1995);15025 (1996 - 1997)
Long Point	22901 (1988 - 1997)
Mandaumin	14118 (1988 - 1997)
Merlin	13021 (1988 - 1997)
Mississauga	46110 (1988 - 1997)
Niagara Falls	27056 (1988 - 1992);27072 (1993-1997)
North Bay	75010 (1988 - 1997)
North York	34002 (1988 - 1991);34020 (1992-1997)
Oakville	44015 (1988 - 1997)
Oshawa	45025 (1988 - 1997)
Ottawa	51001 (1988 - 1997)
Peterborough	59006 (1988 - 1997)
Sarnia	14064 (1988 - 1997)
Scarborough	33003 (1988 - 1997)
Simcoe	22071 (1988 - 1997)
St Catharines	27067 (1988 - 1997)
Stouffville	48002 (1988 - 1997)
Sudbury	77203 (1988 - 1997)
Thunder Bay	63200 (1988 - 1997)
Tiverton	18007 (1988 - 1997)
Toronto	31104 (1988 - 1990);31103 (1991-1997)
Windsor	12008 (1988 - 1997)

TABLE 39 VOC Annual Statistics at Eghert (1997) Unit =micrograms/m³

	Compound	No. of	%Samples		PE	PERCE	Z I I E	LES					010
Compounds	Class	Samples	>DL	% Mass	2%	25%	75%	%06	Max	Min	Median	Mean	Dev
Ейзпо	Alkane	155	166 00	14 490	68.0	1.24	293	415	9.24	0.76	183	2.30	181
Freenll	Halogen	155	00 001	12 323	1 39	1.48	1 65	1 73	88 1	1 20	1 57	1 57	0 12
Chloromethane	Halogen	155	100 00	7 457	077	0.85	104	1.18	134	690	0 97	260	0 14
Propane	Alkano	155	99.35	6251	0 11	0 34	1 69	2 68	43.85	000	0.73	1.46	366
Carbontetrachlondo	Halogen	155	100 00	4.665	0 54	0 \$7	0 61	0 63	690	0 52	65 0	65 0	0.03
1,1,1-Inclidoroethane	Halogen	155	100 00	4 272	0.49	0 52	0 57	190	94.0	0 46	0.55	0.55	000
Acetylene	Alkyne	155	100 00	4 077	0 17	030	901	1.53	3.74	0.12	0 20	0.75	990
Toluene	Aromatic	155	100 00	4 069	0.15	0.24	0 92	84	18 88	600	0 40	0 94	1 85
Butane	Alkane	155	100 00	3 724	600	0 19	104	201	5.84	0 0 0	0 40	0.82	1 03
Isoprene	Alkene	155	89.68	3 672	000	0 04	0 57	1 22	3 97	000	0 17	0 42	090
Isopentane	Alkane	155	100 00	3 442	010	0.20	\$6.0	175	\$ 88	80 0	0.38	0.73	0.87
Ethylene	Alkene	155	100 00	3 209	0 23	0 30	090	1 07	3.76	0 18	0 37	0.55	0.46
Freon22	Halogen	155	100 00	3 165	0.32	0 37	0.45	0 52	1 03	0.26	0.41	0.42	600
Веплене	Аготявс	155	100 00	2 488	0 11	0 18	0.64	560	2 58	0.08	0 32	0.46	0 39
Pentano	Alkane	155	99.35	2 236	000	910	9\$ 0	86.0	126	000	0.26	0.45	0 49
Dichloromethane	Halogen	155	100 00	1 827	0 14	0 17	0 29	0 54	4 10	0 12	0.21	0 32	0.42
Isobutano	Alkane	155	99 35	1 804	0.04	600	0 55	101	2 68	000	0 19	010	0 47
m and p-Xylene	Aromatic	155	100 00	1 660	0.00	0.07	0 33	111	8 94	0.03	0 11	0.43	86 0
2-Methylpentane	Alkane	155	92.90	0 880	000	90.0	0 27	0.42	1.48	0 0 0	010	0.18	0.21
Ethylbenzeno	Aromatic	155	100 00	0 862	0.03	0.04	0.20	0.46	3.19	0.05	0.08	0.20	0.37
Hexane	Alkane	155	99.35	0 785	0.03	0.00	610	0.38	1.28	000	80 0	0 16	0.18
1-Butene/fsobuteno	Alkene	155	99.35	0.782	0.07	NO 0	0.13	010	15 0	00.0	010	0 12	0 0 0
Propyleno	Alkeno	155	97.42	0 7 5 0	0.01	900	0.15	0 30	104	000	600	0.14	0.14
Chloroform	Halogen	155	100 00	0 109	0 0 N	0.08	010	0.11	610	0.01	600	60 0	0.03
3-Methylpentane	Alkane	155	96.13	0.685	0 02	0.04	0.17	0.40	101	000	80 0	0.15	0.20
Heptano	Alkane	154	94.81	0 602	0 0 0	500	0.13	0.26	2.78	000	0 0 0	0.13	0.24
o-Xylene	Aromatic	155	100 00	0.590	0 07	0.03	0 12	0 30	2 46	100	0.00	0 14	0 27
2,2,4-Trunethylpentane	Alkane	155	98 86	9950	0.05	0.04	0.15	0.26	1 32	0.00	900	0 11	0.14
Trichloroethylene	Halogon	155	99.35	0 416	0.05	0 03	80.0	0.15	1 35	000	0.04	0 0 N	011
Naplithalene	Aromatic	155	00 001	0.380	0 0 5	0 03	90 0	011	0.49	100	0.04	900	0 0 0
1,2,4-Trunethylbenzene	Aromatic	155	100 00	0 378	0 02	0 02	0 0 0	0.21	1 10	100	003	800	0.13
Опфесина	Alkane	155	95 48	0361	0 0 0	0 03	0.00	0 11	0 55	000	000	900	900
Decano	Alkane	155	87.74	0.335	00.0	0.03	0.07	0 14	0.82	0 00	001	0 0 0	600
3-Methylhexane	Alkane	155	65.81	0 329	000	000	010	0 22	90 1	000	0.04	80 0	0 12
Octano	Alkane	155	81.29	0.324	000	0 03	0 0 0	0.13	0 91	000	0 0 4	0 0 0	600
Z-Methylhexane	Alkane	155	67.10	0315	000	000	0 10	0 21	0 91	000	0 0 1	0 0 0	0 11
Methylcyclopentane	Alkane	155	78 06	0.270	000	0.05	0 0 0	0 14	0 40	000	0 03	900	0.08
Dodecane	Alkane	155	80 00	0.270	000	003	0 0 0	800	0.28	000	0.04	0.04	0 04
3-Ethyltolueno	Aromatic	155	98.71	0 266	100	0.05	900	0.14	0.89	000	0 0 0	900	0 10
Nonane	Alkane	155	70 32	0.261	0000	000	0 0 0	0 11	14.0	000	0.04	900	80 0
2,2-Dunethylbutano	Alkano	155	19.16	0 248	000	0 02	900	800	0 27	000	0.03	0.04	0.04
2,3-Dunethylbutane	Alkano	155	63.87	0 214	000	000	900	0.15	0.51	000	003	0 0 0	0 0 0
Styrene	Aromatic	155	83 23	0 213	000	0 0 0	0 03	NO 0	960	000	0.03	0.04	010
4-Ethyltoluene	Aromatic	155	97 42	0 187	100	100	0.04	800	0 43	000	0 0 0	0.04	\$0.0
n-Propylbenzene	Aromatic	155	96.77	0 173	100	0 01	0.04	0.07	0.36	000	0 0 0	0 03	0.04
Cyclopentane	Alkane	155	61.29	0 169	000	00 0	500	010	0 30	000	0 0 3	0 0 4	0.05
2,3-Dunethylpentane	Alkane	155	58 06	8910	000	000	900	0 11	0 44	00 0	0 03	0.04	900
1,4-Dichlorobenzeno	Halogen	155	99.35	0 162	0 01	0 02	0.03	500	0.15	00.0	0 0 0	0.03	0.03

TABLE 39 VOC Annual Statistics at Egbert (1997)  $\mathrm{Unit} = \mathrm{micrograms/m}^3$ 

	Compound	No. of	%Samples		E E	PERCENTILE	7	PES					Dev
Compounds	Class	Samples	>DF	% Mans	2%	25%	75%	%06	Max	Min	Median	Mean	'Aarr
2-Ethyltoluene	Aromatic	188	9484	0157	0.01	100	0.03	0.67	0.18	000	0.05	0.03	0.04
Methyleyelohexane	Alkane	155	61.29	0 156	000	00'0	0.05	0.11	1 18	000	0 0 0	0 04	0.11
2,3,4-Trunethylpentane	Alkane	155	49.68	0.155	000	000	90.0	0.12	0.55	00 0	000	0.04	0 0 0
Cyclohexane	Alkane	155	47.74	0.151	000	000	900	0.10	0.26	000	000	0 04	0.00
2-Methytheptane	Alkane	155	45.81	0 139	00.00	0.00	0.05	01.0	610	00.00	000	0 0 4	80.0
1,4-Diethylbenzene	Aromatic	155	73.55	0 137	000	000	0 03	900	0.23	000	0 02	0.03	0 03
1-Hexene	Alkene	155	42.58	0 123	000	000	0.05	90.0	0 11	000	000	0.03	0.03
1,2,3-Trunethylbenzene	Aromatic	155	82.58	0.123	000	0 01	0 02	900	0.29	000	100	0 02	0.04
1,3,5-Trunethylbenzene	Aromatio	155	77.42	0 111	000	0 0 1	0 02	90.0	0.31	00.0	0 01	0 0 0	0 04
3-Methylheptane	Alkane	155	41.94	0 100	000	000	0 0 0	600	190	000	000	0.03	0.07
1-Pentene	Alkene	155	39.35	0 103	000	000	0 0 4	0.07	0.14	00 0	000	0.05	0 03
2,4-Dimethylpentane	Alkane	155	46 45	0.094	000	000	0.04	0 0 0	0 22	000	000	0 02	0.04
iso-Propylbenzene	Aromatic	155	78 06	0.080	000	0 0 1	0.02	0 03	0 11	000	100	0.01	0 01
Indane	Aromatic	155	72.26	0 077	000	000	0.03	0.03	0 14	000	100	100	0 02
p-Cymene	Aromatic	155	33.55	0 072	000	000	0 0 0	0 04	0 11	000	000	0 01	0 0 0
2,4-Dimethylhexane	Alkane	155	37 42	690 0	000	000	0 03	900	0.43	000	000	0 02	0.04
2,5-Dimethylliexane	Alkane	155	40.65	0 0 0 0	0 00	000	0 03	0 0 0	0 36	000	000	0 0 0	0.04
2-Methyl-1-butene	Alkene	155	38.71	0 0 0 2	000	000	0 03	0.04	0 17	000	000	0.01	0 0 0
n-Butylbenzene	Aromatic	155	57.42	0.054	000	000	0 02	0 02	0 0 0	0.00	0 01	100	0.01
cis-1,3-Dunethylcyclohexane	Alkane	155	37.42	0 049	000	000	0 02	0 0 0	0 44	00.0	000	0 0 0	0 04
1,3-Butadiene	Alkene	155	29.03	0 0 0 4 7	000	000	0 02	0.04	0.14	000	000	100	0 03
2-Methyl-2-butene	Alkene	155	30.97	0.045	000	000	0 02	0 03	410	00.00	000	0 01	0 02
cis-1,2-Dimethylcyclohexane	Alkane	155	41.94	0 039	0.00	000	0 02	0.02	80 0	000	0.00	0 01	0 01
2,2,5.Trimethythexane	Alkane	155	36.77	0 0 37	0 00	000	0 03	0 03	0.16	000	000	100	0 0 5
4-Methylheptane	Alkane	155	27.10	0 034	000	000	0 01	0 04	0.26	000	000	100	0 03
cis-2-Pentene	Alkene	155	28.39	0 032	000	000	0 01	0 03	0 08	000	000	100	0.01
trans-1,2-Dunethyleyclohexane	Alkane	155	26 45	0 031	000	000	0 01	0 03	0 29	000	000	0 0 1	0 03
1,3-Diethylbenzene	Aromatic	155	39.35	0 0 0 5 9	0.00	000	10.0	0.02	800	000	000	100	0 01
trans-2-Pentene	Alkene	155	22.58	0 022	000	000	000	0.02	0.13	000	0000	100	0 02
Cyclopentene	Alkene	155	30.32	0 022	000	000	100	100	0 04	000	. 00 0	0 00	0 01
2,2-Dmethylpentane	Alkane	155	23.87	0 021	000	000	00.00	0 02	900	000	000	0 0 1	0.01
cis-2-Butene	Alkene	155	17.42	0 019	000	00.0	000	0 0 0	600	000	000	0 01	0 02
trans-1,4-Dunethylcyclohexane	Alkane	155	23.23	0 018	000	000	00.0	0 02	810	000	0 00	0 01	0.03
cis-1,4/t-1,3-Dimethylcyclohexane	Alkene	155	29.68	0 018	000	000	0 01	0 02	0 13	000	000	0.01	0 0 1
trans-2-Butene	Alkene	155	16.77	0 0 0 1 6	000	000	000	0.02	60 0	000	000	0 01	0.01
4-Methyl-1-pentene	Alkene	155	2.58	0 002	000	000	000	0.00	0 04	000	000	000	00.00
2,2-Dunethylhexane	Alkane	155	4.52	0.002	0.00	0.00	000	0.00	0.02	00.00	0.00	000	00.00
trans-2-Hexene	Alkene	155	1.94	0 001	0.00	000	00.00	0.00	0 03	0.00	00'0	00.0	0.00
cis-2-Hexene	Alkene	155	1.29	0 001	0.00	0.00	0.00	0.00	0 0 0	00.00	0.00	0.00	00.00
cis-3-Mcthyl-2-pentene	Alkene	155	1.94	0.001	000	000	0.00	0.00	0 03	000	00.00	00 0	000
3-Methyl-1-penteno	Alkene	155	1.94	0.001	0.00	00'0	000	0.00	0.02	0.00	00:0	000	0.00
trans-3-Methyl-2-pentene	Alkene	155	9.65	100 0	000	000	00.0	0.00	60'0	0.00	000	00.00	0.01
cis-4-Methyl-2-pentene	Alkene	155	1.29	0.001	0.00	00.0	000	0.00	0 02	000	000	000	000

TABLE 40 VOC Annual Statistics at Etobicoke South (1997) Unit emicrograms/m<sup>3</sup>

Accompanent Class   Acco	Allianean Class   Allianean												B. C. Mines	Ream	200
Albane	Albane   Albane   Sc   100,000   S373   217   417   101   818   519   101		Compound Class	No.of Samples	% Samples >DL	% Average Mass		- 1	15%	95%	Min.	Max.	Median	Meun	Did. Dev.
Albane	Allocation   All			503	160.00	8 392		ſ	101	40.37	90	58 18	114	/9 11	10 71
Alleane   Alleane   Sec   100.00   S.373   S.38   S.38   S.39   S.3	Alleane   Alleane   Sec   100.00   Cst		romatic	26. 35	100 00	6.973			1.92	37.91	0.67	81.99	5.91	10.77	14 00
Albanea   Alba	Alkanen         50         10000         5744         689 146 954 847 847 847 847 847 847 847 848 841 146 848 848 848 848 848 848 848 848 848 8	Butane	Alkano	25	10000	6.546			17.6	17.57	1.27	37.22	689	8,32	6.29
Missest	Missey	Propane A	Vikano	30	100.00	5 744			6 63	38.51	0.39	44.72	3.07	8.15	11.18
Alloane	Alloneme	Dichloromethane	Islogen	20	00.00	6 273		80	8.76	27.23	1.31	46.40	4.86	8.13	9.93
Alkane	Alleane	Isopentane	Vlkano	90	100.00	2013		173	6 93	11.06	1.63	17.67	5.25	5.81	3.08
ylata         All-syme         56         100000         4322         1141         200         1141         200         1141         200         1432         1141         200         1432         154         200         1433         0.03         1141         0.03         1414         141 <td>ylata         Allocated         56         100000         4322         1141 Acad         57         1141 Acad         432         1141 Acad         57         1141 Acad         432         434         444         434         444         434         444         444         444         444</td> <td>Biliane</td> <td>Alkano</td> <td>99</td> <td>100.00</td> <td>5.133</td> <td></td> <td>200</td> <td>000</td> <td>17 40</td> <td>0 00</td> <td>3672</td> <td>5.00</td> <td>6.64</td> <td>7.09</td>	ylata         Allocated         56         100000         4322         1141 Acad         57         1141 Acad         432         1141 Acad         57         1141 Acad         432         434         444         434         444         434         444         444         444         444	Biliane	Alkano	99	100.00	5.133		200	000	17 40	0 00	3672	5.00	6.64	7.09
Alleyine	Allkyman   Sig   100 000   4432   143 2.47   544   143 2.7   143 2.47   544   143 2.47		Aromatic	99	100.00	4.955		00.5	0.00	1016	200	24.16	437	5.44	4.17
Alleane	Alleneary   Alle		Alkyne	98	100.00	4.452		5.79	7.32	61.21	0.00	24.10	000	00	2 30
Milester   Milester   Se   100,000   3,489   2,948   2,153   3,549   2,999   3,484   3,484   2,484   2,494   4,494	Milester   Allente   56   100,000   3,680   0.96,211   572   570   582   221   572   299   348   448		Allema	98	100.00	4.332		2.43	6.44	17.96	0.30	42.07	4.71	0.66	00.7
Alleane   Alleane   Se   100.00   3.45   2.48   2.75   3.55   3.56   1.05   1	Alkane		AJKBRO		100.00	3.680		2,11	5.72	9.70	0.58	29.19	3.69	4.68	4.45
Halogen   Allame   Allame   SG   100.000   3.049   1.03   1.44   5.10   6.10   5.25   1.04   1.05   5.20   5.00	Halogen   Alkane   Sc   100.00   3.49   1.03   1.44   5.10   12.18   0.77   24.54   3.29   4.43   4.64   4.65   100.00   3.049   1.03   1.74   5.10   6.25   1.05   1.09   2.046   0.71   1.24   5.10   6.25   1.05   1.09   2.046   0.71   1.24   2.05   1.05   1.05   2.05   1.05   2.05   1.05   2.05   2.04   2.05   2.04   2.05   2.	Ediylene	Alkeno	20	100.00	2.000		275	3 53	5.36	2.38	7.02	2.99	3.36	1.00
Alkane	Alliance   Alliance   Si		Halogen	99	100.00	3.443		1 2 4	019	12.18	077	2454	3.29	4 43	4 69
Marine   Alkaine   Alkaine   Alkaine   S6   100.000   1.844   0.68   1.37   2.87   0.62   1.47   1.94   2.9   1.52   2.82   1.80   1.86   0.68   1.89   1.89   1.80   1.	Maintaine   Alkaine   Alkaine   Sig   100.00   1.844   0.68   1.37   2.87   0.62   1.52   2.82   1.80   1.86   0.84   1.34   1.94   0.68   1.35   2.87   0.62   1.80   1.86   0.68   1.34   1.94   0.68   1.35   0.68   1.80   1.86   0.68   1.34   0.68   0.68   1.35   0.68   1.80   0.68   0.68   1.80   0.68   0		Alkand	99	100.00	3.049			01.0	000	0.63	1400	1 00	270	2.59
Mileson	Halogenia   Si	handone	Alkane	56	100.00	2.046	0.71	1.32	2.91	78.0	0.32		00.1	2	1 00
Accounties	Maintane   Acomatic   Acomatic		Allegaro de	98	100.00	1.864	0.68	1.37	2.87	4.64	0.55		1.89	2.36	70.1
Halogen   Arcinusic   S	Halogen   Accountic   S	Benzene	Aromanic		10000	1.836	1.59	1.71	1.94	2.29	1.52		1.80	1.86	0.29
Alkense	Accounsition   Acco	Freonil	Halogen	3.3	00:001	1 474	0.42	0.92	2.07	5.59	0.31	11.17	1.48	1.96	2.00
Alkane	Alkane	Ethylbenzene	Aromatic	90	200.00	5 443	0.00	0.73	010	918	0.26		-	2.26	3.18
Alkeane	Alkane	Пекале	Alkano	99	100.00	1.443	0.33	0.1.0	200	2 66	010	-	-	1.81	1.74
Accountie   Accountie   Sc   100,000	Accountie   Accountie   Sc	Propylene	Alkeno	98	100.00	1.346	0.43	0.81	2.00	5.00	7000		-	1 84	2 00
Halogent   Halogent   SG   100.00   1123   087 0.96   110   120 0.81   1.40   1.50	thane lidegert Akare S6 100.00 1.087 0.96 1.10 1.20 0.20 1.10 1.20 1.20 1.10 1.10	Vulana	Aromatia	56	100.00	1.321	0.36	0.84	08.1	5.03	0.20			100	0 11
berna Achame  berna Achame  berna Alkame  be	Name	O-Ayrono	Hologen	56	100.00	1.123	0.87	96.0	1.10	1.20	0.81			20.1	1 10
Maintain	Mainten   Main	CINOCOMECHIANG	A Hence	86	100.00	1.087	0.37	0.67	1.76	3.90	0.26	_	_	1.5/	0/.1
Table   Miles   Mile	Particular   Halogen   Alkane   SG   100.00   1.022   0.41   0.66   1.49   3.14   0.138   6.75   1.06   1.34   1.18   1	3-Melliyipentane		95	100.00	1.074	0.29	89.0	1.83	4.34	0.20		,	1.53	1.65
Halogen   Alkarae   Alkarae   SG   100.00   0.834   0.48 0.57 0.98   265 0.15 4.30   0.74 0.95   0.74   0.95   0.74   0.95   0	Italignation   Alkarine   Alkar	1,2,4-Truncthylbenze		95	100.00	1.022	0.41	99.0	1.49	3.43	0.38			1.34	1.2
Hidogen   Hidogen   Se	Hallogen   Alkane   Se   100.00   0.834   0.18   0.46   1.23   2.52   0.15   8.07   0.76   1.09   1.00	1-Butene/Isobuteno	Alkene	25	100 00	0.830	0.48	0.57	0.98	2.05	0.37			0.95	0 68
Alkanne         50         100.00         0.793         0.19         0.44         11.2         2.63         0.14         14.23         0.68         1.16         1.11         1.11         2.63         0.14         14.23         0.68         1.16         1.11         1.11         2.63         0.68         0.68         1.16         1.11         1.11         2.73         0.74         1.02         0.74         0.68	Alkanne         50         100 00         0.793         0.19         0.44         1.12         2.63         0.14         14.23         0.63         1.16         1.1         1.11         2.63         0.14         14.23         0.63         1.16         1.1         1.11         2.63         0.64         1.11         2.63         0.64         0.74         0.65         0.64         1.11         2.43         0.74         0.62         0.81         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.75         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         1.02         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74         0.74	Freon22	Halogen	000	10000	0.834	0.18	0.46	1.23	2.52	0.1			1.09	-
Alkane         50         100.00         0.74         0.60         0.61         0.71         0.78         0.60         0.61         0.71         0.78         0.69         0.72         0.72         0.74         0.72         0.71         0.73         0.74         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.72         0.74         0.72         0.74         0.72         0.74         0.72         0.74         0.72         0.74         0.72         <	Alkanue         50         100.00         0.74         6.60         0.61         0.71         0.78         0.60         0.64         0.71         0.78         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.68         0.78         0.78         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.72         0.74         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72	3-Methylhexane	Alkane	00	100.00	0.793	0.19	0.44	1.12	2.63	0.1			1.16	_
Halogen   S6   100 00   074   026 0.51   111   2.43   0.17   4.52   0.44   1.02   1.03     Alkane   S6   100 00   0.74   0.26 0.51   1.11   2.43   0.17   4.52   0.74   1.02     Alkane   S6   100 00   0.76   0.76   0.41   1.05   2.49   0.17   4.62   0.71   0.93     Halogen   S6   100 00   0.76   0.76   0.41   1.15   2.17   0.08   8.95   0.75   1.03     Alkane   S6   100 00   0.647   0.18   0.36   0.89   0.44   1.13   0.88     Alkane   S6   100 00   0.623   0.18   0.36   0.92   1.11   0.88     Alkane   S6   100 00   0.628   0.13   0.41   2.55   0.12   0.75   0.75     Alkane   S6   100 00   0.628   0.13   0.25   0.14   0.75   0.75     Alkane   S6   100 00   0.628   0.13   0.25   0.75   0.75   0.75     Alkane   S6   100 00   0.628   0.13   0.25   0.75   0.75   0.75     Alkane   S6   100 00   0.638   0.13   0.25   0.75   0.75   0.75     Alkane   S6   100 00   0.647   0.14   0.25   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.16   0.25   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.16   0.25   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.16   0.25   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75   0.75   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75   0.75   0.75   0.75   0.75   0.75   0.75     Alkane   S6   100 00   0.473   0.14   0.25   0.75	Hallogen         56         100.00         0.74         0.26         0.51         1.11         2.43         0.17         5.57         0.74         1.02           Alkane         56         100.00         0.74         0.26         0.51         1.11         2.43         0.17         45.93         0.71         1.03           Alkane         56         100.00         0.746         0.46         0.41         0.08         8.95         0.71         0.93           Alkane         56         100.00         0.647         0.46         0.46         0.89         0.44         1.13         0.88         0.95         0.71         0.93           Alkane         56         100.00         0.643         0.18         0.46         1.25         0.2         0.41         1.13         0.88         0.95         0.79         0.13         0.94         1.13         0.88         0.62         0.79         0.13         0.12         0.89         0.79         0.13         1.13         0.89         0.62         0.79         0.13         0.82         0.79         0.71         0.79         0.79         0.71         0.79         0.71         0.79         0.79         0.71         0.79	Hoptano	Alkano	30	100.00	0.745	090	0.64	0.71	0.78				0.68	
Alkanne         56         100 00         0.74 or         0.22 0.44 1.07         2.49 0.17 4.62         0.71 1.09 3.04         0.74 1.15 2.04         0.74 1.15 2.04         0.74 1.15 2.04         0.74 1.15 2.04         0.75 0.44 1.15 2.04         0.75 0.44 1.15 2.04         0.75 0.44 1.15 2.04         0.75 0.44 1.15 2.04         0.75 0.44 1.15 2.05         0.75 0.44 1.15 2.05         0.75 0.04         0.75 0.44 1.15 2.05         0.75 0.04	Alkane         56         100 00         0.74         1.02         2.49         0.17         4.62         0.71         0.33         0           Halogen         56         100 00         0.726         0.16         0.41         1.15         2.17         0.08         8.95         0.07         1.03         1.03         0.1	Carbontetrachloride		20	100.00	0.744	0.26	0.51	111	2.43				1.02	
Tablegeri S	Marie   Mari	2,2,4-Trimethylpenta		56	100.00	0.776	0.22	0.44	1.09					0.93	
Alkanes 56 10000 0.647 0.46 0.34 0.88 0.89 0.44 1.13 0.88 0.62 0.00 lines Halogest 56 10000 0.647 0.46 0.34 0.08 0.89 0.44 1.13 0.88 0.62 0.00 lines Halogest 56 10000 0.643 0.18 0.36 0.09 1.34 0.18 0.80 0.41 1.13 0.88 0.62 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Alkane         56         100.00         0.647         0.46         0.36         0.89         0.44         1.13         0.58         0.62           June Ilangean         56         100.00         0.647         0.46         0.36         0.89         0.44         1.13         0.58         0.62           Alkane         56         100.00         0.643         0.18         0.36         0.89         0.44         1.13         0.88         0.59         1.01           Arcumatic         56         100.00         0.643         0.18         0.30         1.4         2.5         0.12         0.92         1.01         1.01           Arcumatic         56         100.00         0.628         0.18         0.31         1.21         0.5         0.79         0.72         0.71         0.70         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.71         0.72         0.72         0.71         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72 <td>Tetrachloroethylene</td> <td>Halogen</td> <td>56</td> <td>100.00</td> <td>0.720</td> <td>0.16</td> <td></td> <td>1.15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Tetrachloroethylene	Halogen	56	100.00	0.720	0.16		1.15						
Column   Lialogen   So   100,000   Color   C	ciplococlinare Halogen         56         100.00         65.31         0.18         0.56         0.56         3.5         0.18         0.56         0.56         0.54         0.18         0.56         0.56         0.54         0.18         0.56         0.76         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.46         0.18         0.18         0.18         0.18         0.18         0.18         0.18         0.18         0.1	2-Methylhexane	Alkano	56	100.00	0.700	0.46								
Albane   Albane   S6   10000   0.635   0.18   0.31   0.54   0.55   0.12   0.02   0.02   0.92   0.92	Alkane	1,1,1 -Trichloroethune	Halogen	98	100,00	0.047	010								
Abramatic SG 100.000 0.654 0.18 0.30 0.20 0.13 11.12 0.55 1.01 1.14 0.55 1.01 0.00 0.626 0.18 0.20 0.20 0.13 11.12 0.55 1.01 1.14 0.15 0.15 0.10 0.00 0.628 0.13 0.25 0.04 3.64 0.56 0.79 0.04 0.18 0.18 0.19 0.14 0.18 0.15 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	Abrame         56         100,000         0,654         0,110         0,004         1,000         0,654         0,110         0,000         1,000         0,000 <th< td=""><td>Decano</td><td>Alkano</td><td>98</td><td>100.00</td><td>0.033</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Decano	Alkano	98	100.00	0.033	0.00								
Alkame 56 100.000 0.628 0.11 0.25 0.04 3.64 0.56 0.79 0.74 Mane 56 100.000 0.628 0.11 0.25 0.04 3.64 0.56 0.79 0.74 Mane 56 100.000 0.473 0.16 0.22 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.72 0.47 0.47 0.72 0.47 0.47 0.47 0.47 0.47 0.47 0.47 0.47	Alkane 56 100.00 0.628 0.11 0.25 1.07 2.02 0.04 3.64 0.56 0.79 0.70 Alkane 56 100.00 0.628 0.11 0.25 1.07 2.02 0.04 3.64 0.56 0.79 0.70 Alkane 56 100.00 0.470 0.11 0.28 1.07 2.02 0.04 3.64 0.56 0.79 0.70 Alkane 56 100.00 0.443 0.16 0.28 0.75 1.57 0.12 3.74 0.41 0.73 0.16 0.28 0.15 0.10 0.00 0.445 0.16 0.28 0.75 1.57 0.12 3.74 0.41 0.73 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	3-Ethyltoluene	Aromatic	98	100:00	0.043	0.10								
Acomatic   SG   1000   0.028   0.13   0.24   0.15	Acomatic   SG   100,00   0.02a   0.15   0.24   0.15   0.	Methylcyclopentano	Alkano	99	100.00	0.020	0.10								
Acomatic 52 86.54 0.250 0.14 0.22 0.0 1.14 0.28 0.76 2.25 0.06 56.2 0.47 0.72 0.00 0.14 0.28 0.76 2.25 0.06 56.2 0.47 0.72 0.00 0.14 0.28 0.76 2.25 0.06 56.2 0.47 0.72 0.00 0.14 0.28 0.76 2.25 0.06 56.2 0.47 0.72 0.00 0.14 0.28 0.72 0.12 0.14 0.73 0.14 0.28 0.72 0.14 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.12 0.28 0.13 0.14 0.14 0.14 0.14 0.14 0.12 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	Acomatic   S.2   86,54   0,250   0,017   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,021   0,022   0,041   0,022   0,041   0,022   0,041   0,022   0,041   0,041   0,022   0,041   0,0	Naphthalene	Aromatio	99	100.00	979'0	000								
Alkane Alkane 56 100,00 0.499 0.15 0.28 0.84 2.57 0.12 5.71 0.41 0.73 0.12 0.28 0.14 0.28 0.14 0.28 0.14 0.28 0.14 0.28 0.15 0.15 0.14 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	e         Alkane         56         100,00         0.439         0.14         0.22         0.43         0.16         0.22         0.84         2.57         0.12         5.71         0.41         0.73         0.73         0.74         0.74         0.74         0.75         0.75         0.75         0.12         5.71         0.14         0.73         0.75 <th< td=""><td>Styrene</td><td>Aromatic</td><td>52</td><td>86.54</td><td>0.556</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Styrene	Aromatic	52	86.54	0.556	0.00								
Alkeane 56 100.000 0.473 0.16 0.22 0.74 2.5 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	Alkane 56 100.00 0.473 0.16 0.22 0.84 2.57 2.12 2.13 0.14 0.12 2.13 0.14 0.15 2.13 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0.19 0.14 0.12 0.18 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	Undecane	Alkane	920	100.00	664 0									
Alkane 56 100,000 0.466 0.12 0.28 0.17 12.0 0.19 5.24 0.55 0.64 0.19 1.15 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	Alkane 56 100,000 0.466 0.12 0.28 0.76 12.0 0.75 2.17 0.10 2.51 0.50 0.44 0.50 0.44 0.28 0.28 0.76 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45	2-Methyl-2-butene	Alkeno	98	100.00	0.473	0.16								
Alkanse 56 100.00 0.453 0.16 0.28 0.72 1.37 0.10 5.97 0.48 0.99 1.10 5.97 0.48 0.99 1.10 5.97 0.48 0.99 1.10 5.97 0.48 0.99 1.10 5.97 0.49 0.49 0.49 0.49 0.49 0.49 0.49 0.49	Alkanse 56 100.00 0.453 0.16 0.28 0.72 1.39 1.07 5.97 0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.48	2 3-Danethylpentane		56	100:00	0 466	0.12								
Halloger	Alkane 56 100.00 0.419 0.14 0.22 0.64 232 0.08 730 0.38 0.06  Alkane 56 100.00 0.371 0.10 0.22 0.49 1.87 0.10 8.30 0.51  Alkane 56 100.00 0.371 0.10 0.22 0.49 2.35 0.05 5.88 0.36 0.58  Alkane 56 100.00 0.371 0.10 0.22 0.49 2.35 0.05 5.88 0.36 0.58	2.2 Dimethulluriano		99	100.00	0.453	0.16								
Alkane 56 100,00 0,793 0,10 0,50 187 0,10 197 0,10 0,00 187 0,10 8.30 0,10 8	Alkane 56 100,00 0,393 0,10 0,20 0,46 254 0,06 1196 0,29 0,10 Alkane 56 100,00 0,389 0,12 0,22 0,49 1,87 0,10 8,30 0,38 0,61 Alkane 56 100,00 0,371 0,10 0,22 0,49 2,35 0,05 5,88 0,36 0,58	Z,5-Dunediyioudan	Halogen	53	100.00	0.419	0.14								
Arkaniv 56 100,00 0,389 0,12 0,22 0,49 1,87 0,10 8,30 0,38 0,61 Alkaniv 56 1,00,00 0,771 0,10 0,22 0,49 2,35 0,05 5,88 0,36 0,58	Arkanno 56 100.00 0.389 0.12 0.22 0.49 1.87 0.10 8.30 0.38 0.61 Alkano 56 100.00 0.371 0.10 0.22 0.49 2.35 0.05 5.88 0.36 0.58 Alkano	Lichoroemyiche	Allemo	95	100.00	1010	010								
Alkane 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Alkano 56 100.00 0.371 0.10 0.22 0.49 2.35 0.05 5.88 0.36 0.58 Alkano	Octano	Alkano	95	10000	0.389	0.13								
	Alkano 56 100,00	Nonane	Alkane	00	100.00	0.371	0.10								

TABLE 40 VOC Annual Statistics at Etobicoke South (1997) Unit –micrograms/m  $^{\rm J}$ 

	Compound Class	A	0 V C	A M		120%	7020	Min.	Mor		Moan	Median Mean Std. Dev.
Compounds		No.or oampies	No. of dampies 70 dampies / DL 70 Average Mass	o Average Mass	270 4370	- 4	-	-	- 1	- 1		
Methylcyclohexane	Alkane	56	100.00	0.371	0.11 0.	0.20 0.53	3 0.99	0.10	15.06	0.33	690	2.00
,3,5-Trimethylbenze	Aromatic	56	100.00	0.363	0.10 0.3	0.23 0.59	9 1.40	80.0	3.40	0.34	0.52	0.56
Cyclopentane	Alkane	56	100.00	0.318	0.11 0.	0.18 0.53	3 1.27	0.10	2.53	0.28	0.45	0.46
4-Ethyltoluene	Aromatic	56	100.00	0.317	0.10 0.3	0.20 0.50	0 1.20	0.08	2.55	0.31	0.44	0.44
2-Methylheptane	Alkane	54	85.19	0.292	0.00 0.	0.12 0.42	1.18	3 0.00	6.28	0.26	0.44	0.89
2,3,4-Trimethylpenta	Alkane	98	100.00	0.296	0.11 0.	0.19 0.47	1.15	5 0.05	2.59	0.30	0.41	0.44
,4-Diethylbenzene	Aromatic	99	. 100.00	0.288	0.08 0.	0.16 0.49	91.18	3 0.04	2.62	0.24	0.41	0.44
,2,3-Trimethylbenze	Aromatic	99	100.00	0.265	0.08 0.	0.18 0.45	1.09	90.0	2.55	0.25	0.38	0.41
2-Ethyltoluene	Aromatic	56	100.00	0.262	0.08 0.	0.16 0.42	12 0.98	3 0.06	2.16	0.27	0.36	0.36
cis-2-Pentene	Alkene	56	100.00	0.255	0.07 0.	0.12 0.39	1.31	0.04	3.08	0.21	0.39	0.53
1,3-Butadiene	Alkene	56	100.00	0.250	0.06 0.	0.14 0.40	10 0.70	0.04	2.19	0.24	0.33	0.33
trans-2-Butene	Alkene	56	100.00	0.245	0.07 0.	0.14 0.42	12 0.97	7 0.03	2.12	0.22	0.35	0.38
cis-2-Butene	Alkene	98	100.00	0.243	0.07 0.	0.14 0.42	1.07	90:00 6	2.14	0.22	0.35	0.40
1-Pentene	Alkene	56	100.00	0.238	0.10 0.	0.14 0.36	86 0.82	2 0.04	1.87	0.22	0.32	0.33
Dodecane	Alkane	56	100.00	0.235	0.06 0.	0.14 0.34	34 0.70	0 0.04	1.61	0.20	0.29	0.26
2,2-Dirnethylbutane	Alkane	56	100.00	0.231	0.10 0.	0.14 0.37	37 0.72	2 0.07	1.78	0.24	0.31	0.29
I-Hexene	Alkene	98	92.86	0.233	0.00	0.15 0.35	99.0 58	00.00	1.97	0.24	0.30	0.31
Cyclohexane	Alkane	56	100.00	0.218	0.08 0.	0.14 0.32	32 0.72	2 0.05	4.23	0.22	0.32	0.56
n-Propylbenzene	Aromatic	99	100.00	0.211	0.07 0.	0.15 0.34	34 0.78	8 0.06	1.68	0.22	0.29	0.28
2,4-Dimethylpentane	Alkane	99	100.00	0.206	0.06 0.	0.14 0.33	33 0.61	1 0.05	1.99	0.20	0.29	0.31
Isoprene	Alkene	54	100.00	0.194		0.12 0.3				0.19	0.25	0.23
Freon114	Halogen	99	100:00	0.194	0.11 0.	0.12 0.	0.22 0.26	0.10	0.27	0.17	0.18	0.05
cis-1,3-Dimethylcyclo Alkane	Alkane	99	100.00	0.191	0.04 0.	0.09 0.	0.25 1.25	5 0.03	1	0.14	0.32	0.68
trans-2-Pentene	Alkene	99	100.00	0.179	0.04 0.	0.10 0.3	0.29 0.71	1 0.02	1.06	0.17	0.24	0.22
2,4-Dimethylhexane	Alkane	99	100.00	0.172		0.11 0.3	0.26 0.56	6 0.04		0.16	0.24	0.32
1,4-Dichlorobenzene	Halogen	99	100.00	0.159	0.04 0.	0.10 0.3	0.25 0.57	7 0.04	1.15	0.14	0.21	0.22
2-Methyl-1-butene	Alkene	99	100.00	0.160	0.03 0.	0.06 0.3	0.25 0.46	6 0.02	0.58	0.16	0.18	0.14
Chloroform	Halogen	56	100.00	0.157	0.08 0.	0.12 0.	0.18 0.35	5 0.05	0.49	0.14	0.17	60.0
Bromomethane	Halogen	99	100.00	0.142	0.06 0.	0.07 0.	0.16 0.20	0.06		0.12	0.13	90.0
1,2-Dichloroethane	Halogen	99	98.21	0.138	0.03 0.	0.06 0.	0.10 0.55	00:00	2.92	0.08	0.17	0.41
2,5-Dimethylhexane	Alkane	99	100.00	0.137	0.05 0.	0.08 0.0	0.20 0.49	9 0.02	1.37	0.14	0.19	0.21
1-Decene	Alkene	51	11.76	0.137	0.00	0.00	0.00 0.97	7 0.00	4.02	00.00	0.16	0.65
4-Methylheptane	Alkane	54	87.04	0.120	0.00	0.06 0.	0.17 0.78	00.00	3.18	0.12	0.21	0.45
Indane	Aromatic	99	100.00	0.118	0.04 0.	0.07 0.	0.19 0.40	0 0.02	88.0	0.12	0.16	0.15
trans-1,2-Dimethylcyc	Alkane	56	91.07	0.115	0.00	0.05 0.	0.15 0.84	4 0.00	2.51	0.08	0.19	0.39
p-Cymene	Aromatic	56	98.21	0.109	0.03 0.	0.06 0.	0.18 0.36	00.00	0.51	0.09	0.13	0.12
Chloroethane	Halogen	56	91.07	0.098	0.00	0.06 0.	0.12 0.45	5 0.00	1.43	0.09	0.14	0.24
trans-2-Octene	Alkene	99	87.50	0.094	0.00	0.04 0.	0.13 0.49	00.00	00.1	0.08	0.12	0.17
1-Methylcyclopenten	Alkene	99	100.00	0.085	0.02 0.	0.04 0.	0.14 0.34	4 0.01	0.87	0.08	0.13	0.15
iso-Propylbenzene	Aromatic	99	100.00	0.077	0.04 0.	0.06 0.	0.11 0.24	4 0.02	0.55	0.08	0.10	60.0
Cyclopentene	Alkene	99	100.00	0.073	0.02 0	0.04 0.	0.10 0.25	5 0.01	0.57	80.0	0.10	0.10
Dibromomethane	Halogen	56	92.86	0.072	0.00	0.03 0.	0.08 0.12	2 0.00	0.14	90.0	90.0	0.04
2,2-Dimethylhexane	Alkane	56	89.29	0.068	0.00	0.02 0.	0.06 0.32	2 0.00	0.57	0.03	0.07	0.11

TABLE 40 VOC Annual Statistics at Etobicoke South (1997) Unit-micrograms/m³

Composition of Sample		3			,		1		FERGENILLES	-				
Alkana         56         98.21         0.055         0.02         0.04         0.10         0.05         <	- 1	Compound Class	140.01 Samples	70 Sumples >DL	% Average Mass	5%0	72%	15%	95%	Min.	Max.	Median		Std. Dev.
Accounties         56         98.21         0.055         0.02         0.04         0.05		Alkane	56	98.21	0.057	0.02	0.04	0.10	0.15	0.00	0.64	90.0	80.0	60.0
Programe Allamen		Aromatic	99	98.21	0.056	0.02	0.04	60.0	0.23	00.00	0.49	0 0 0	80.0	80.0
Alkena   Alkena   Si   Si   Si   Si   Si   Si   Si   S		Alkane	56	89.29	0.055	0.00	0.03	80.0	0.16	00.00	0.25	90.0	0.07	0.05
Michael   Mich		Alkene	15	98.04	0.053	0.02	0.04	80 0	0.14	0.00	0.17	90.0	0 07	0.04
Opposite Alikama         56         50,00         0.049         0.00         0.07		Alkene	56	94.64	0.051	0.01	0.04	80.0	0.22	000	0.43	0.05	0.07	0.08
	ns-1,4-Dunethyleye	Alkans	99	50.00	0.049	0.00	0.00	0 0 0	0.67	0.00	1.67	100	0.11	0.30
Capture Alkane   Se   Se   Se   Se   Se   Se   Se	ns-4-Methyl-2-pent	Alkens	99	21.43	0.045	0.00	0.00	000	0.49	00.0	86.0	000	800	0.20
Optional Mikine         56         83.33         0.044         0.00         0.02         0.07         0.09         0.17         0.09         0.37         0.05         0.07	Methylcyclohexene a	Alkeno	99	83.93	0.046	0.00	0.02	80.0	0.14	00.0	0.31	90.0	900	90:0
Controlleries Malane         Septembril Malane         14.43         0.0443         0.043         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05		Alkene	99	83.93	0 044	000	0 02	60.0	0.17	0.00	0.37	0.05	0.07	0.07
thyletnen Halogenn 56 6250 0041 006 006 006 006 006 006 006 006 006 00		Alkano	99	71.43	0.043	0.00	0.00	0.08	0.24	00.00	0.81	0.05	0 0 0	0.12
Alkeine   Se   Se   Se   Se   Se   Se   Se	-Dichlorocthylene 1	Halogen	99	62.50	0.041	0.00	0.00	900	80.0	00.00	80.0	0.04	0.04	0.03
Quality 1-Dimently   Alkane         56         G250         0040         006         036		Alkene	98	25.00	0.041	0.00	0.00	10.0	0.31	00.00	0.78	00.00	0.05	0.13
olema Halogena Sia Sia Sia Sia Sia Sia Sia Sia Sia Si	-1,4/t-1,3-Dimethyl /	Alkano	56	62.50	0.040	00.00	00.0	90.0	0.34	00.00	0.95	0.03	0.07	0.15
Upplementation         Accomanie         56         94.64         0.034         0.01         0.02         0.05         0.11         0.00         0.03         0.01         0.05         0.01         0.00         0.03         0.01         0.00         0.03         0.01         0.00         0.03 </td <td></td> <td>Halogen</td> <td>53</td> <td>100.00</td> <td>0.038</td> <td>0.02</td> <td>0.02</td> <td>0.05</td> <td>900</td> <td>100</td> <td>900</td> <td>0.04</td> <td>0.04</td> <td>0.02</td>		Halogen	53	100.00	0.038	0.02	0.02	0.05	900	100	900	0.04	0.04	0.02
Methol:-2-pentol         Alkerne         56         28.57         0.034         0.00<		Aromatic	56	94.64	0.037	0.01	0.02	90.0	0.12	000	0.29	0.04	0.05	0.05
Oddishloromethal Halogem         156         37.50         0.034         0.00		Alkeno	99	28.57	0.034	00.00	00.0	0.05	0.31	00.00	0.94	00.00	0.07	0.17
Machine Halingera	amodichlorometha 1	Halogen	56	37.50	0.034	0.00	00.00	90.0	0.10	000	0.11	000	0 03	0.04
reine         Alkene         49         28.57         0.031         0.00         0.05		Halogen	56	58.93	0.033	0.00	00.0	0.05	90.0	000	80.0	0.02	0.03	0 03
Trintethyllhenn Alkane         56         42.86         0.029         0.06         0.04         0.17         0.06         0.07         0.01         0.04         0.0		Alkeno	49	28.57	0.031	0.00	000	0.05	0.26	00.00	2.83	000	0.09	0.41
Hoteline   Alkeine   S6   1143   0.029   0.06   0.06   0.13   0.00   0.04   0		Alkane	98	42.86	0 0 0 2 9	000	000	0.04	0.17	000	0.67	000	0.00	0.11
Alythyl-periten         Alkenie         56         98.21         0.028         0.01         0.02         0.04         0.08         0.09 <td></td> <td>Alkeno</td> <td>99</td> <td>71.43</td> <td>0 029</td> <td>0.00</td> <td>00.00</td> <td>90 0</td> <td>0.13</td> <td>000</td> <td>0.24</td> <td>0.04</td> <td>0.04</td> <td>0.00</td>		Alkeno	99	71.43	0 029	0.00	00.00	90 0	0.13	000	0.24	0.04	0.04	0.00
		Aromatic	99	98.21	0.028	0.01	0 02	0.04	80 0	000	0.18	0 03	0.04	0.03
cicklotroctluane Illalogera         56         67.86         0.027         0.00         0.01         0.04         0.05         0.09         0.04         0.05         0.09         0.04 <t< td=""><td></td><td>Halogen</td><td>99</td><td>62.50</td><td>0 0 0 2 9</td><td>000</td><td>000</td><td>900</td><td>0 08</td><td>000</td><td>0.15</td><td>0.04</td><td>0.03</td><td>0 03</td></t<>		Halogen	99	62.50	0 0 0 2 9	000	000	900	0 08	000	0.15	0.04	0.03	0 03
All All All All All All All All All Al		Halogen	99	98'29	0.027	00.00	00.00	0 0 4	90.0	00.0	0.09	0.03	0.03	0 02
24 Astethyl-2-pratt Alkerne         56         50.00         0026         0.06 <th< td=""><td></td><td>Halogen</td><td>53</td><td>54.72</td><td>0.025</td><td>0.00</td><td>000</td><td>0.05</td><td>0.16</td><td>0.00</td><td>0.39</td><td>0.03</td><td>0.04</td><td>0 0 0</td></th<>		Halogen	53	54.72	0.025	0.00	000	0.05	0.16	0.00	0.39	0.03	0.04	0 0 0
21-Friendshiptorer. Halbigsen.         56         46.43         0.025         0.05         0.04         0.05	ns-3-Methyl-2-pent	Alkene	99	50.00	0.026	0.00	00.00	80 0	0.16	000	0.30	10.0	0.05	0 0 0
subjectives         Absente         56         89.93         0.023         0.01         0.04         0.04         0.06         0.01         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.05         0.00         0.04         0.05         0.00         0.04         0.05         0.00         0.04         0.05         0.00         0.04         0.05         0.00	,2,2-Tetrachloroet 1	Halogen	99	46.43	0.025	0.00	0.00	0.04	90.0	000	600	000	0 02	0 03
seine         IAlkeine         45         26.67         0.023         0.00         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.04         0.03         0.00         0.04         0.03         0.00         0.04         0.03         0.03         0.04         0.03         0.04         0.04         0.03         0.04		Aromatic	99	83.93	0.023	00.00	0.01	0.04	80 0	000	0.14	0 02	0.03	0.03
Hologen Hologen 56 44.64 0.022 0.00 0.00 0.00 0.00 0.00 0.00 0.		Alkene	45	26.67	0.023	00.00	00.00	0 03	0.20	000	1.92	00.00	80 0	0.30
Alkeras         56         3571         0021         0.00         0.04         0.13         0.00         0.32         0.00         0.03         0.04         0.03 <t< td=""><td></td><td>Halogen</td><td>99</td><td>44.64</td><td>0.022</td><td>0.00</td><td>00.00</td><td>0.04</td><td>90.0</td><td>000</td><td>900</td><td>000</td><td>0 02</td><td>0 0 0</td></t<>		Halogen	99	44.64	0.022	0.00	00.00	0.04	90.0	000	900	000	0 02	0 0 0
Alkeria         56         28.57         0.020         0.00         0.05         0.16         0.05         0.16         0.00         0.05         0.05         0.16         0.00         0.05	пепе	Alkeno	99	35.71	0.021	0.00	0.00	0.04	0.13	000	0.32	000	0 03	900
Hallogram         56         53.57         0 020         0 00         0 04         0 04         0 04         0 06		Alkeno	99	28.57	0.020	0.00	00.00	0.05	0.16	0.00	0.25	00.00	0.03	90.0
Alkerne         53         566         0.019         0.00 <t< td=""><td></td><td>Halogen</td><td>99</td><td>53.57</td><td>0.020</td><td>000</td><td>000</td><td>0.04</td><td>0.04</td><td>000</td><td>900</td><td>100</td><td>0 02</td><td>0 02</td></t<>		Halogen	99	53.57	0.020	000	000	0.04	0.04	000	900	100	0 02	0 02
Methods         56         \$600         0014         0.00         0.01         0.03         0.12         0.00         0.03         0.01         0.01         0.03         0.01         0.03         0.01         0.01         0.00         0.01 <t< td=""><td></td><td>Alkene</td><td>53</td><td>5.66</td><td>0.019</td><td>0.00</td><td>000</td><td>0.00</td><td>0.05</td><td>0.00</td><td>0.40</td><td>000</td><td>0 01</td><td>90 0</td></t<>		Alkene	53	5.66	0.019	0.00	000	0.00	0.05	0.00	0.40	000	0 01	90 0
Halogen         56         41.07         0.015         0.00         0.03         0.04         0.03         0.04         0.05         0.04         0.04         0.03         0.04         0.05         0.04         0.07         0.09		Alkene	98	50.00	0.014	00.00	00.00	0.03	0.12	000	0.23	000	0.03	0 0 0
Alkerse         56         25.00         0.014         0.00         0.01         0.11         0.00         0.26         0.00         0.00         0.01         0.01         0.01         0.01         0.01         0.01         0.00		Halogen	99	41.07	0.015	0.00	0.00	0.03	0.04	0.00	90.0	000	0.01	0.02
Hologram 56 . 28.57 0.014 0.00 0.00 0.02 0.05 0.00 0.00 0.00 0.00		Alkene	99	25.00	0.014	0.00	0.00	0.01	0.11	00.00	0.26	0.00	0.02	0.05
Halogen         56         19.64         0.013         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.01         0.01		Halogen	. 99	28.57	0.014	0.00	000	0.02	90.0	000	90.0	000	0.01	0 02
Alkerse         56         41.07         0.009         0.00         0.00         0.02         0.07         0.07         0.07         0.07         0.00         0.01         0.00         0.01         0.00         0.01         0.02	,2-Trichloroethane 1	Halogen	99	19.64	0.013	0.00	00.00	000	900	000	0 0 0	000	10.0	0.02
Halopsen 56 28.57 0,007 0,00 0,01 0,03 0,0 0,00 0,01 0,03		Alkeno	98	41.07	0.009	0.00	00.00	0.02	0.07	000	0.15	000	0.02	0 03
Alkanse 56 30.36 0.006 0.00 0.02 0.04 0.00 0.20 0.00 0.01 Aronnalic 56 25.00 0.004 0.009 0.00 0.00 0.00 0.00 0.00		Halogen	99	28.57	0.007	00.00	0.00	0.01	0.03	000	0.04	000	0.01	0.01
Aromatic 56 25.00 0.004 0.00 0.00 0.03 0.00 0.06 0.00 0.01 Alkene 53 3.77 0.004 0.00 0.00 0.00 1.09 0.00 0.02		Alkano	98	30.36	900.0	00.0	0.00	0.02	0.04	000	0.20	0.00	10.0	0.03
Alkene 53 3.77 0.004 0.00 0.00 0.00 0.00 1.09 0.00 0.02	-	Aromatic	99	25.00	0.004	00.0	00.00	0.00	0 03	000	90.0	000	0.01	100
		Alkeno	53	3.77	0.004	00.00	00.00	0.00	0.00	00.00	1.09	0.00	0.02	0.15

TABLE 40 VOC Annual Statistics at Etobicoke South (1997)

					P 15	RC	ENT	PERCENTILES					
Compounds	Compound Class	No.of Samples	% Samples >DL	% Samples > DL % Average Mass	2%	25%	75%	%56	Min.	Max.	Median		Std. Dev.
1-Butyno	Alkyne	- 50	8 9.3	0.007	000	00.0	0.00	0.04	000	60.0	00.0	000	0.02
frans- 3-Heptens	Alkeno	\$\$	12.73	0.000	0.00	000	000	100	000	0.01	000	0.00	000
rons-1 3-Dichloropro Halogen	Halosen	\$6	1.79	0000 0	0.00	00.0	00.0	0.00	0.00	0.07	000	0.00	00.00
and 3.Dichlotowane Halopen	Halogen	95	1.79	0.000	000	000	00.0	000	00.0	0.01	000	000	00.00
Hexyllenzene	Aromatic	95	000	00000	000	000	000	0.00	000	00.0	00.0	00.00	00.00
Beamotrichloromethy	Halogen	95	0.00	00000	000	000	00.0	00.0	00.0	0.00	0.00	000	000
Morohantono		36	00'0	0.000	000	000	00.0	000	000	000	0.00	0.00	00.00
1 4-Dichlorohutane	Halogen	95	000	0.000	000	000	000	000	000	000	0.00	0.00	00.00
1 3-Dichlorobenzene		95	0.00	0.000	0.00	000	000	00.0	0.00	0.00	0.00	000	000
1 2-Dichlorobenzene	Halogen	98	0.00	0.000	000	0.00	000	00.0	0.00	0.00	000	000	0.00
1.2 4-Trichlorobenze	Hologen	\$6	00.0	0.000	000	00.0	000	000	00.0	000	0.00	000	000
Reveal development of the con-	Halogen	56	000	0.000	000	000	000	00.0	000	000	00.0	000	0.00

TABLE 41 VOC Annual Statistics at Hamilton Downtown (1997)  $_{\rm Unit\; -micrograms/m^2}$ 

					PER	CE	PERCENTILE	LES					
Compounds	Compound Class	No.of Samples	No.of Samples % Samples > DL.	% Average Mass	2%	25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
Butane	Alkane	59	100.00	6.464	1.70	2.88	7.88	14.80	1.52	34.50	4.86	6.98	6.22
Toluene	Aromatic	59	100.00	6.400	1.72	2.85	8.19	16.53	0.78	39.92	4 88	7.22	86.9
Isopentane	Alkane	59	100.00	5,889	2.03	3.65	61.9	10.34	1.36	23.81	4.88	6.07	4.34
Ediane	Alkano	59	100.00	5.681	2.22	3.12	6.62	8.90	2.07	16.53	4.51	5.31	2.80
Propane	Alkano	59	100.00	5.340	1.79	2.49	5.52	8.42	1.10	28.60	4.24	5.18	4.47
Acetyleno	Alkyne	59	100.00	4.231	16.1	2.41	4.43	6.57	1.51	10.56	3.54	3.91	1.84
Hexane	Alkane	59	100.00	4.127	0.47	0.84	6.62	20.88	0.29	71.68	1.16	6.67	12.92
Freon12	Halogen	59	100.00	3.821	2.50	2.77	3.16	3.57	2.28	5.36	2.88	3.06	0.57
m and p-Xylene	Aromatic	59	100.00	3.652	1.03	1.62	5.29	9.20	0.52	1464	3.02	4.10	3.48
Ethylene	Alkene	59	100.00	3.365	1.18	1.97	3.92	5.19	97.0	7.86	2.76	3.14	1.61
Pentane	Alkano	59	100.00	3.244	1.21	2.03	3.65	5.57	0.93	11.64	2.70	3.25	2.11
Isobutano	Alkane	59	100.00	2.960	0.92	1.32	3.52	6.62	0.80	12.49	2.36	3.16	2.60
2-Methylpentano	Alkane	59	100.00	2.954	0.77	1.59	3.63	6.23	0.58	11.22	2.28	3.06	2.34
Dichloromethane	Halogen	59	100.00	2.705	0.93	1.54	2.87	3.64	0.78	7.20	2.10	2.33	1.23
Benzene	Aromatic	59	100.00	2.590	0.75	1.18	3.93	6.59	0 61	14.18	1.72	2.94	2.85
Naphthalene	Aromatic	59	100,00	2.528	91.0	0.50	3.85	9.12	0.07	34.66	0.90	3.58	6.43
3-Methylpentane	Alkano	65	100.00	2.288	0.45	0.80	3.26	8.57	0.25	22 62	1.15	3.19	4 66
Freonl1	Halogen	53	100.00	2.167	1.68	1.79	1.93	2.02	1.52	2.24	1.84	1.86	0.15
Chloromethane	Halogen	59	100.00	1.378	0.87	0.98	1.14	1.20	0.81	1.24	1.04	1.05	010
Propylene	Alkene	59	100.00	1.349	0.50	0.82	1.44	2.36	0.36	4.47	1.14	1.32	0.81
1-Butene/Isobutene	Alkeno	59	100.00	1.202	0.52	0.70	1.34	1.98	0.32	4.42	0.99	1.15	0.70
Ethylbenzene	Aromatic	59	100.00	1.191	0.37	0.63	1.68	2.69	0.18	4 0 5	0.94	1.27	0.94
1,2,4-Trünethylbenzene	Aromatic	65	100.00	1.152	0.36	0.68	1.45	2.15	0.17	3 86	0.94	1.16	0.78
o-Xylene	Aromatic	59	100.00	1.102	0.37	0.55	1.42	2.46	0.18	4.05	0.94	1.18	0.90
Methylcyclopentane	Alkano	59	100.00	0.909	0.20	0.35	1.15	2.93	0.13	11.40	0.48	1.23	1.85
Carbontetrachloride	Halogen	59	100.00	0.891	090	99.0	0.72	0.74	090	084	89 0	89 0	0.05
2,2,4-Trunethylpentano	Alkano	59	100.00	0.894	0.32	0.53	0.99	1.32	0.19	2.92	0.76	0.86	0.50
1,1,1-Trichloroethane	Halogen	59	100.00	0.827	0.50	090	0.70	0.78	0.46	1.78	0 64	0.67	0.19
Freon22	Halogen	59	100.00	0.780	0.41	0.47	69.0	0.97	0.36	2.19	0.54	990	0.36
Tetrachloroethylene	Halogen	59	100.00	0.763	0.17	0.32	0.97	1.80	0.14	3.96	0.55	0.78	0.70
3-Methylhexane	Alkane	59	100.00	0.754	0.24	0.40	0.93	1.38	0.16	2.42	0.64	0.76	0.52
2-Methylhexane	Alkano	59	100.00	0.693	0.17	0.38	0.92	1.39	0.14	2.56	0.58	0.72	0.56
3-Ethyltoluene	Aromatic	59	100.00	0.688	0.20	0.40	0.83	1.27	0.11	2.47	0.55	0.70	0.46
Heptane	Alkane	59	100.00	0.622	0.22	0.33	0.81	1.28	0.14	2.74	0.46	99.0	0.52
2,3-Dimethylpentane	Alkano	66	100 00	965 0	0.18	0.30	690	1.12	0.11	1 93	0.44	95 0	0.38
2,3-Dirnethylbutano	Alkano	65	100.00	0.562	0.17	0.33	0.62	1.19	0.10	2.01	0.44	0.58	0.43
2-Methyl-2-buteno	Alkeno	59	100.00	0.531	0.17	0.32	0.61	86.0	0.11	2.50	0.42	0.54	0.43
Undecano	Alkane	59	98.31	0.440	0.10	0.20	0.49	1.00	000	1.84	0.28	0.43	0.38
Decano	Alkano	59	100.00	0.409	0.12	0.22	0.50	0.87	90.0	1.50	0.32	0.43	0.34
1,3,5-Trimediylbenzene	Aromatic	59	100.00	0.392	0.11	0.22	0.46	080	900	1.28	0.34	0.40	0 27
Cyclopentano	Alkano	59	100,00	0.375	0.14	0.24	0.41	0.65	80.0	1.25	0.31	0.37	0.22
4-Biliyltoluene	Aromatio	59	100.00	0.347	0.12	0.21	0.41	0.59	900	1.05	0.30	0.35	0.21
3-Methylheptano	Alkane	59	100.00	0.341	0.12	0.20	0.40	0.70	90.0	1.09	0.28	0.34	0.23

TABLE 41 VOC Annual Statistics at Hamilton Downtown (1997) Unit =ndcrograms/m²

Compounds	Compound Class	No.of Samples	% Samples >DL	% Average Mass	2%	75%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
1,4-Diethylbenzene	Aromatic	65	100 00	0 327	010	0.20	0 39	0.63	0.04	1 03	0.26	0.33	0.22
2,3,4-Trimethylpentane	Alkane	65	100 00	0.323	0.13	0.21	0.38	0.54	900	114	0.26	0.31	0.19
Cyclohexane	Alkane	89	100 00	0 321	0.07	0.14	0 44	0.67	900	2 9 2	0.22	0.35	0.43
Nonane	Alkane	65	100:00	0.314	010	0.16	0.38	0.74	0.07	1 22	0.24	0.33	0.26
2,2-Dunethylbutane	Alkane	65	100 00	0 302	0.12	010	0.32	0.49	900	1 09	0.24	0.29	0.20
Methylcyclohexane	Alkane	65	100.00	0.294	80.0	0.15	0.41	0.74	900	1 32	0.22	0 32	0.27
2-Methylheptane	Alkane	65	98 31	0.295	0.09	0.16	0.34	0.63	000	1 00	0.23	0.30	0.23
1-Hexene	Alkene	59	93 22	0 296	000	0.16	0.31	65 0	000	1 21	0 24	0.29	0.24
2-Ethyltoluene	Aromatic	65	100 00	0 289	60.0	0.16	0.34	0.48	0.04	0.85	0.26	0.28	0.17
1,2,3-Trunethylbenzene	Aromatic	65	100.00	0 288	60.0	0.16	0.35	0.54	0.04	980	0 24	0.28	0.18
cis-2-Pentene	Alkene	65	100 00	0.281	600	0.15	0.31	0.51	900	1 54	0.20	0 29	0.28
Dodecane	Alkane	65	100.00	0 274	0.07	0.10	030	0 54	0 03	1 04	019	0.26	0.22
1-Pentene	Alkene	65	100 00	0.265	0.10	0.15	0 27	0 48	0 08	1 21	0.20	0.26	0 20
Octane	Alkane	59	100 00	0 266	80.0	0.14	0 32	0.62	0.00	1.10	0.20	0.29	0.25
Styrene	Aromatic	53	90 57	0 266	000	80 0	0 33	0.73	000	281	0 18	0.30	0.43
cis-2-Butene	Alkene	59	100 00	0 262	0.08	0.15	0.33	0 54	90 0	1 31	0.20	0.27	0.21
Isoprene	Alkene	53	98.11	0 264	800	012	0.34	0 46	000	0 61	0.20	0 24	0.15
2,4-Dunethylpentane	Alkane	65	100 00	0 250	0.10	0.15	0.28	0.43	0 0 0	080	0 22	0.25	0.15
trans-2-Butene	Alkene	59	100 00	0 242	80 0	0.14	0.34	0.46	90 0	1 04	0 18	0.25	0.19
Freon114	Halogen	59	100.00	0 233	0.11	0.12	0 22	0.24	010	0.26	0.18	0.18	0 05
1,3-Butadiene	Alkene	65	98 31	0 233	0.09	0.15	0.24	0.39	000	990	0.20	0.22	0 12
n-Propylbenzene	Aromatic	59	100 00	0.224	80.0	0.14	0.26	0.39	0 04	0.65	0.19	0 22	0.13
1,4-Dichlorobenzene	Halogen	65	100.00	0 201	80.0	0.11	0 21	0.34	900	0.79	0.15	0.19	0.14
2-Methyl-1-butene	Alkene	59	100.00	0 186	0 04	0.07	0.26	0.31	0 02	0.50	0 14	0.17	0.12
trans-2-Pentene	Alkene	65	100.00	0 185	90.0	0.10	0.25	0.30	0.03	0 47	014	0.18	0.11
2,4-Dunethylhexane	Alkane	89	100 00	0173	90.0	0.11	0.19	0.31	0.03	0 63	014	0.17	0.11
Bronnomethane	Halogen	65	100.00	0 166	90.0	0.08	0.16	0.18	0 0 0	0.35	0.13	0.13	0.05
Trichloroethylene	Halogen	53	100 00	0 166	0 0 0	010	0.24	0.40	0 04	1.04	0 12	0.19	0.18
p-Cymene	Aromatic	65	86.44	0 164	0.00	900	0.16	0.37	000	0.55	80 0	014	0.14
Indane	Aromatic	65	100.00	0 148	0.05	60.0	0.16	0.27	0 02	0.46	0.12	0.15	60.0
Chloroform	Halogen	59	100.00	0 146	0.08	0.10	0.14	0.16	900	0.21	0.12	0.12	0.03
2,5-Dimethylhexane	Alkane	65	94 92	0 128	0 02	90.0	0.15	0.23	0.00	0 49	0.12	0.13	60.0
Chloroethane	Halogen	65	93 22	0 112	00.00	90.0	0.12	0.13	000	0.20	60.0	0.09	0.04
4-Methylheptane	Alkane	65	86.44	0 1 0 6	0.00	900	0.15	0.25	000	0.44	0.10	0.12	0.10
cis-1,3-Dimethylcyclohexane	Alkane	65	94.92	0 102	0 02	0.04	0.16	0.26	000	89 0	0.08	0.12	0.14
1-Methylcyclopentene	Alkene	65	100.00	960 0	0.03	900	0.11	0.17	0 02	037	800	60.0	90.0
1-Heptene	Alkene	65	13.56	680.0	00.00	00.00	0.00	0.22	000	1.67	000	90.0	0.23
Dibromomethane	Halogen	65	94.92	0.086	0.01	0.03	0.10	0.12	000	0.12	900	90.0	0.04
trans-4-Methyl-2-pentene	Alkene	89	20.34	0.076	00.00	00.00	0.00	0.36	00'0	1.20	0.00	60.0	0.23
Cyclopentene	Alkene	65	100.00	0 084	0.03	0.05	60.0	0.12	0.02	0 27	0.08	0.08	0.04
2,2-Dimethylhexane	Alkane	59	84.75	0 085	0.00	0.02	90.0	0.12	0.00	1.01	0.04	0.08	0.16
1-Decene	Alkene	53	7.55	0 085	0.00	00.00	0.00	00.00	0.00	1.03	00.00	90.0	0.22
iso-Propylbenzene	Aromatic	89	100.00	0 083	0.03	90:0	0.10	0.14	0 01	0.22	0 0 0	0.08	0.05
1.2-Dichloroethane	Halogen	89	100.00	0 081	0.04	0.05	0.08	010	0 02	0.14	90.0	90.0	0.02

TABLE 41 VOC Annual Statistics at Hamilton Downtown (1997)

					20% 750%	750%	75% 96%		Min.	Max.	Median	Mean	Std. Dev.
Compounds	Compound Class	No.of Samples	% Samples >DL	% Average Mays	0.03	1			0.00	0.23	0.00	0.00	0.05
2.2-Dinethylpentano	Alkane	65	98.31	0000	000		0 08	013 0	100	0.21	900	0.07	0.04
1.3-Diethylbenzene	Aromatic	65	100 00	0.00	200				000	0.16	0.05	900	0.03
Cyclohexene	Alkene	\$\$	96.36	0.063	100	000			00 0	0.18	90.0	900	0.04
n-Butylbenzene	Aromatic	65	94.92	0.002	700	0.04			0.00	0.19	900	900	0.04
cis.3-Methyl-2-pentene	Alkene	65	XX 14	1900	000	000			00.0	0.67	000	80.0	0.15
cis-4-Methyl-2-pentene	Alkene	65	32.20	0.009	000	0.04			000	0.23	900	90.0	0.04
1-Methylcyclohexene	Alkene	65	83.05	0000	000	0.04		-	10.0	0.16	0.04	0.05	0.03
(rans-2-Hexene	Alkeno	68	00 001	0.058	7000	0.03			000	0.15	0.03	0.00	000
2.2-Dunethylpropane	Alkane	65	93 22	1500	000	2000			000	0.55	000	0.07	0.13
1-Octem	Alkene	24	33.33	0.054	000	00.00			000	0.33	0.04	0.00	0.08
trans.2.(): fells	Alkene	65	67.80	0.054	000	000	01.0		000	0.42	0.04	0 0 0	600
trans-1 2-Dimethyleyelohexane	Alkane	65	08.79	0.050	000	000	600		000	010	0.04	0.04	0.03
Units-1,2-Dancariyayay	Halogen	65	61.02	0 0 0 0	000	000	900		000	010	0.00	0.04	0.02
L.1 Digmonoemytene	Referen	5.3	98.11	0.044	0 02	0 02	0.05		000	90.0		0.03	0.03
Remotorn	11.1	68	38.98	0.042	000	0.00	90.0		000	0.14	000	000	0.00
Bromodichloromethane	Halogen	65	57.63	0.038	000	000	900		000	0.0%	0.03	0.03	003
Dilgomochlotomethane	Imogen	05	71.19	0.035	000	000	900	0 0 0	000	0.12	0.04	0.04	0.03
cis-2-Hexene	Alkene	61 03	88 1.4	0.035	000	0 02	0.04	0.07	000	0.11	0.03	0 03	0.02
sec-Butylbenzene	Aromatic	64	23 73	0.033	000	000	00.00	81.0	000	0.24	000	0.04	0.07
cts-2-Heptene	Alkeno	26	6 / 6 7	0.032	0.01	0 02	0.04	0.04	0.00	0.07	0.00	0.03	0.02
iso-Butylbenzene	Aromatic	65	19 96	7500	1000	000	0.04	900	000	900	0.03	0 0 0	0.02
1.1-Dichloroethane	Halogen	65	57.63	7500	0000	000	0.00	0.11	000	0.24	0.00	0.03	900
2.2 S.Truncthyllrexame	Alkane	65	33.90	0.030	000	000	0.00	0.00	0.00	800	0.00	0.05	0 0 0
1 1 2 2 Teterchloroethane	Halogen	605	52.54	01030	000	000	0.04	0.00	000	0.15	0.00	0.03	0.04
1,1,2,2 readministration	Alkane	65	57.63	9700	0.00	00.00	0.05	0.08	0.00	010	000	000	0.02
A.o-Duneunytochane	Aromatic	65	74.58	0.007	000	000	0 0 4	0.05	000	010	700	003	0.03
1,2 Diethylbenzene	II down	5.3	98 60	0.026	000	000	0.05	90.0	000	600	70.0	000	0.00
Benzylchloude	Ralogen	. 5	61 02	0.025	000	000	0.04	0.04	000	900	0.05	700	0.02
cis-1,2-Dichloroethylene	Hatogen	6.0	30.00	0.003	000	00.00	0.05	60.0	0.00	0.15	000	0.03	0.04
tinns-3-Methyl-2-pentene	Alkeno	66	40.15	0.002	000	00.00	0.04	0.04	0.00	900	000	0.05	0.02
trans-1,2-Dichloroethyleno	Halogen	66	1166	0.001	0.00	00.0	00.0	0.11	00.0	0.48	000	0.04	0.10
1-Nonone	Alkeno	48	20 23	1200	000	0.00	0.03	80.0	0.00	0.20	000	0.02	0.04
us-2-Octene	Alkene	65	71 17	0.021	000		0.03	90.0	0.00	0.16	0.00	0 0 0	0 03
crs-1,4/t-1,3-Dunethykyclohexane	Alkane	65	35.93	0 031	000		0.01	0.10	0.00	0.20	0.00	0.05	0.05
3-Methyl-1-pentene	Alkene	65	25.42	0.021	000		0.03	0.08	0.00	0.18	000	0.02	0.04
trans-1,4-Dunethyleyclohexano	Alkane	65	44.07	0.020	00.0		0.00	0.06	000	0.08	000	0.02	0.02
HUN	Halogen	65	37.29	0.020	00.00		0.0	30.0	000	010	0.01	0.02	0.02
2 Billed 1 Referre	Alkene	65	50.85	0.017	000		0.03	0.03	000	0 00	000	0.03	0.02
arang-1-Kunt-z	Halopen	6.5	35.59	0.017	0.00		0.03	0.04	000	000	000	0.03	0.11
Ethylotomuc	Allene	65	10.17	0.016	0.00		000	0.02	000	50	000	000	0.00
cis-3-Hepteno	Halleman	65	28 81	0.014	000	00.00	0.02	0.04	000	010	000	100	200
1,2-Dichloropropane	Hallogen	65	15.25	0.013	000	0.00	0.00	0.03	000	0.19	000	70.0	000
4-Methyl-1-pentene	MINCHO	65	30 51	0.000	000	0.00	0.02	0.04	000	0 0 0	000	10.0	0.02
Lans-2-Heptene	Alkene	\$ 9	32.20	6000	000	0.00	0.02	0.03	000	900	000	0 0 0	
2,2,3-Timethylbutane	Alkano	95	20.34	0 000	000	0.00	0.00	0.03	0.00	0.08	0.00	0.01	
1,1,2-Trichloroethane	Halogen	4	11.43	9000	000	00.00	00.00	0.00	000	0.13	000	000	0.02
c1s-1,3-Dichloropropene	Halogen	65	8 47	2000									

TABLE 41 VOC Annual Statistics at Hamilton Downtown (1997) Unit =micrograms/m²

					PERCENTILES	CEN	TI	LES					
Compounds	Compound Class	No.of Samples	% Samples >DL	No. of Samples % Samples > DL % Average Mass	2%	25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
1.4-Dichlorobulane	Halogen	65	678	0.000	0.00	0.00	000	0.00	000	90.0	000	000	0.01
Chlorobanzene	Halogen	59	18.64	90000	00.00	00.00	0.00	0.02	0.00	0.01	00.00	0.01	0.01
trans-1 4-Dichloropropend	Halogen	59	3.39	0.005	00:00	00.00	0.00	00.00	0.00	0.12	00.00	0.00	0.02
1 2 4-Trichlorohenzena	Halogen	59	8.47	0.004	00.00	00.00	0.00	00.00	0.00	0.10	0.00	0.00	0.01
tort-Butchbarzana	Aromatic	59	20.34	0.005	00.00	00.00	0.00	0.03	00.00	90.0	0.00	0.01	0.01
Visufehorida	Halogen	59	22.03	0.005	00.00	00.00	0.00	0.02	0.00	0.04	0.00	0.00	0.01
1-Butone	Alkyne	. 65	11.86	0.003	00:00	00.00	00:00	0.03	0.00	0.04	00'0	0.00	0.01
1 2-Dicklorohenzene	Halogen	59	5.08	0.002	0.00	00.00	00.00	0.00	00.00	0.04	0.00	0.00	0.01
Beamotrichloromethane	Haloren	59	1.69	0.001	0.00	00.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01
france-3-Hersteine	Alkene	59	11.86	0.001	0.00	00.00	00.00	0.00	00.00	0.01	0.00	00.00	0.00
Havachlorohytadiene	Halogen	59	10.17	0.001	00.00	00.00	0.00	0.00	0.00	0.01	0.00	00.00	00.00
Headington	Aromatic	59	1.69	0.000	0.00	0.00	00.00	0.00	00.00	0.01	0.00	00.00	0.00
1 3-Dichlorobenzene	Halozen	59	0.00	0.000	0.00	00.00	0.00	0.00	00.00	0.00	0.00	0.00	0.00
The second secon													

TABLE 42 VOC Annual Statistics at Ottawa (1997) Unit =micrograms/m<sup>3</sup>

Compound Class	No. of Samples	No. of Samples % Samples > DL	A/ A 24	%%	25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
and the same of th			70 AVERADE MIRES									
Aromatic	86	100 00	6989	980	2.21	5.42	1.67	030	23 69	3.42	4 42	415
Alkane	65	100 00	6.542	0.91	2.34	5 65	80.6	0.50	11.67	4 01	4 46	2.88
Alkane	65	100 00	5.681	0.71	1,31	999	10.88	0 46	15 23	3 60	465	3.91
Halogen	59	100.00	5 631	2.33	2.58	2.88	3.03	1.78	4.48	2.76	276	0.36
Alkane	89	98.31	5 389	1.33	2.14	4.36	5.04	000	6 43	2 99	3.19	1.39
Alkane	59	100.00	4.968	690	1.89	4.67	5.79	0.58	7.63	3.02	3.41	1.92
Alkyne	86	100 00	3.873	0.91	1.54	4.09	5.90	0.77	8.14	2 59	3.13	1.96
Alkane	65	100 00	3 639	0.44	0.75	377	612	0.38	9.41	1 96	272	2.26
Alkene	86	100 00	3 326	0.73	1 18	2.96	4 02	0.39	7.24	1 97	2.32	1.56
Halogen	99	100.00	2.912	1.42	1.65	184	1 90	1.34	2.02	174	1.73	0.16
Alkane	59	100 00	2852	0.49	1.16	2.23	3.10	0.20	3.73	1 59	1.74	0.88
Aromatic	65	100 00	2.667	0.53	06.0	2.22	3.52	0 22	4 88	1.76	1 81	1.10
Alkane	65	100 00	2.530	0.42	0 92	2.35	3.18	0.28	4 08	1 54	172	1 01
Aromatic	65	100 00	2 005	0.55	06.0	2.26	2.99	0.34	3.80	1 42	1.59	0.90
Halogen	89	100 00	1.427	0.83	06.0	1.03	1.07	0.81	1.24	0.97	0.97	0.10
Alkene	65	100.00	1.417	0.33	0 44	1.26	1.71	0 24	2.83	890	0.91	0.58
Alkane	89	100.00	1 369	0.25	0.49	1.12	1 65	0.20	2.02	084	680	0.49
Halogen	65	100.00	1.274	0.56	0.63	0.70	0.72	0.48	0.79	990	990	90.0
Alkene	65	100 00	1.175	0.24	0.40	1.08	1.81	80.0	284	0.74	0.85	0.63
Alkane	65	100 00	1.146	0.28	0.37	1.04	1.23	0.14	1 54	0.67	0.73	0.38
Halogen	65	100 00	1 028	0.44	0.49	0.58	0 62	0 43	1.40	0.53	0.55	0.13
Halogen	89	100 00	1.021	0.34	0.42	090	0.71	0.28	1.59	0.51	0.53	0.19
Aromatic	65	100 00	0.973	0.20	0.34	0.79	1.24	90.0	1.67	190	0.64	0.37
Aromatic	59	100 00	0.957	0.18	0.34	97.0	1.05	0.10	1.36	65 0	090	0.31
Halogen	65	100 00	0.931	0.12	0.26	0.77	1.30	90.0	3 04	0.41	190	0.56
Aromatic	65	100 00	0.912	0.14	0.30	0.75	86.0	0.08	1.48	0.51	0.58	0.35
Halogen	65	100 00	0.854	0.24	0.34	0.63	0.83	0.20	1.13	0.43	0.50	0.22
Alkane	86	100 00	0.811	0.12	0.26	0.77	1.03	80 0	1 36	0 48	0.54	0.32
Alkane	89	100 00	0.789	0.14	0.29	0.64	0.82	0.12	1 20	0.43	0.49	0.25
Alkane	59	100 00	0.773	0.14	0.27	99.0	0.88	0.08	1.30	0 44	0.49	0.29
Alkane	89	100.00	0.725	0.12	0.27	0.64	0.93	90.0	1.20	0 48	0.49	0.28
Alkene	89	100 00	0.675	014	0.23	0.59	0 94	0.04	1.55	0.40	0.48	0.35
Alkene	89	19 96	0.635	900	0.11	0.47	0.79	0.00	176	0.20	0.34	0.36
Alkane	89	100 00	0.617	010	0 22	0.50	0.75	80 0	0 97	0.36	0.40	0.23
Alkane	59	100 00	0 601	0.13	0.22	0.52	89 0	800	980	0.38	0.38	0.20
Aromatic	65	100 00	0.561	0.10	0.19	0.47	0.72	900	960	0.34	037	0.22
Alkane	59	100.00	0.489	0.10	0.18	0.46	0.63	90.0	1.11	0 32	0.35	0.21
Alkane	59	100.00	0.466	010	91.0	036	0.50	90.0	1.07	0.24	0.28	0.17
Aromatic	59	94 92	0.405	0 04	0.13	0.34	0 54	00.00	86 0	010	0.26	0.21
Alkane	89	98.31	0 404	80 0	0.14	0.34	0 48	000	0.59	0 24	0.26	0.14
Alkene	89	100 00	0 397	90.0	0.12	0.32	0.58	0.03	16'0	0 20	0.26	0.21
Alkane	89	18 86	0 395	900	0.14	0 32	0.39	000	0.74	0 23	0.24	0.15
Alkano	59	9492	0.350	0.05	0.14	0.36	0.43	0 0 0	0 62	0 23	0.25	0.15
Alkane	65	91.53	#R.B.F.I	00 0	0 12	030	0 39	000	0.57	0 22	0.22	0.13
	Aksane Acomatic I lalogen Aksane		* * * * * * * * * * * * * * * * * * *	59         100 00           50         100 00           50         100 00           50         100 00           50         100 00           50         100 00           50         100 00           50         100 00           50	59         10000         6869           59         10000         6842           59         10000         5631           59         10000         5631           59         10000         5631           59         10000         5631           59         10000         3873           59         10000         3873           59         10000         3873           59         10000         2912           59         10000         2842           50         10000         2842           50         10000         2842           50         10000         2842           50         10000         2842           50         10000         2842           50         10000         2842           50         10000         1147           50         10000         1147           50         10000         0.931           50         10000         0.931           50         10000         0.931           50         10000         0.942           50         10000         0.943           50	59         100 00         6889         0889           59         100 00         5642         0.91           59         100 00         5631         2.33           59         100 00         5631         2.33           59         100 00         5631         2.33           59         100 00         3.873         0.01           59         100 00         3.873         0.01           59         100 00         3.873         0.01           59         100 00         2.912         1.43           59         100 00         2.912         1.42           59         100 00         2.912         1.43           59         100 00         2.66         0.45           59         100 00         1.43         0.3           59         100 00         1.145         0.24           59         100 00         1.146         0.24           59         100 00         0.931         0.14           50         100 00         0.932         0.14           50         100 00         0.931         0.14           50         100 00         0.931         0.14	59         100 00         6.860         0.68         2.34           59         1000 00         5.831         2.34         2.34           59         1000 00         5.831         2.33         2.58           59         1000 00         5.831         2.34         2.13         2.14           59         1000 00         4.589         0.51         1.18         2.14         2.18           59         1000 00         4.589         0.51         1.18         2.18         2.14         1.18         2.14         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.1	59         100 00         6 869         0 86         2 1         5 4           59         100 00         6 641         0 91         2.34         5 65           59         100 00         6 641         0 23         2.38         5 68           59         100 00         5 631         2.33         2.38         2.84         6 65           59         100 00         3 631         0 23         2.88         1 33         2.44         4 35           59         100 00         3 639         0 49         1 66         1 89         4 67           59         100 00         3 639         0 49         1 18         6 6         1 89           59         100 00         2 82         0 44         1 75         1 89           59         100 00         2 82         0 49         1 16         2 25           59         100 00         2 82         0 44         0 75         3 4           59         100 00         1 147         0 25         0 49         1 16           50         100 00         1 147         0 25         0 49         1 16           50         100 00         1 147         0 25         0 49 <td>59         100 00         6864         051         2.4         5.55         5.08           59         100 00         5634         0.21         2.34         5.85         10.08           59         100 00         5634         0.21         2.34         5.85         20.8           59         100 00         5634         0.21         2.34         2.85         2.88         3.03           59         100 00         3.839         0.21         1.34         6.65         5.90           59         100 00         3.839         0.21         1.34         6.65         5.90           59         100 00         3.839         0.21         1.34         4.65         5.90           59         100 00         3.839         0.44         0.75         1.40         5.90           59         100 00         2.842         0.44         0.75         1.40         1.03           59         100 00         2.852         0.42         0.75         1.33         1.04         1.24         1.05           50         100 00         2.852         0.42         0.42         0.92         1.24         1.05         1.03           50<!--</td--><td>59         10000         6869         086         21         521         51         030           59         10000         5681         031         234         565         90         50           59         10000         5681         031         234         565         90         050           59         10000         5681         031         234         565         90         050           59         10000         5681         031         134         456         500         138           59         10000         4588         051         134         456         509         050           59         10000         4588         051         134         456         500         053           59         10000         3873         041         154         456         400         503           50         10000         3873         041         154         446         579         058           50         10000         252         20         142         142         446         579         058           50         10000         253         144         156         153</td><td>59         100000         6889         068         21         34         767         030         2348           59         100000         6582         081         21         34         66         108         050         100           59         10000         5631         0.71         1.31         66         1088         0.66         118         1.48         0.67         138         0.46         108         0.66         1.51         1.48         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         0.69         1.51         0.68         0.69         1.51         0.69         1.68         0.69         1.50         0.70<!--</td--><td>59         10000         6889         086         21         54         091         234         54         091         234         54         091         234         54         091         234         54         091         134         68         050         116         0         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         050         134         050         058         136         050         134         050         058         136         13</td></td></td>	59         100 00         6864         051         2.4         5.55         5.08           59         100 00         5634         0.21         2.34         5.85         10.08           59         100 00         5634         0.21         2.34         5.85         20.8           59         100 00         5634         0.21         2.34         2.85         2.88         3.03           59         100 00         3.839         0.21         1.34         6.65         5.90           59         100 00         3.839         0.21         1.34         6.65         5.90           59         100 00         3.839         0.21         1.34         4.65         5.90           59         100 00         3.839         0.44         0.75         1.40         5.90           59         100 00         2.842         0.44         0.75         1.40         1.03           59         100 00         2.852         0.42         0.75         1.33         1.04         1.24         1.05           50         100 00         2.852         0.42         0.42         0.92         1.24         1.05         1.03           50 </td <td>59         10000         6869         086         21         521         51         030           59         10000         5681         031         234         565         90         50           59         10000         5681         031         234         565         90         050           59         10000         5681         031         234         565         90         050           59         10000         5681         031         134         456         500         138           59         10000         4588         051         134         456         509         050           59         10000         4588         051         134         456         500         053           59         10000         3873         041         154         456         400         503           50         10000         3873         041         154         446         579         058           50         10000         252         20         142         142         446         579         058           50         10000         253         144         156         153</td> <td>59         100000         6889         068         21         34         767         030         2348           59         100000         6582         081         21         34         66         108         050         100           59         10000         5631         0.71         1.31         66         1088         0.66         118         1.48         0.67         138         0.46         108         0.66         1.51         1.48         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         0.69         1.51         0.68         0.69         1.51         0.69         1.68         0.69         1.50         0.70<!--</td--><td>59         10000         6889         086         21         54         091         234         54         091         234         54         091         234         54         091         234         54         091         134         68         050         116         0         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         050         134         050         058         136         050         134         050         058         136         13</td></td>	59         10000         6869         086         21         521         51         030           59         10000         5681         031         234         565         90         50           59         10000         5681         031         234         565         90         050           59         10000         5681         031         234         565         90         050           59         10000         5681         031         134         456         500         138           59         10000         4588         051         134         456         509         050           59         10000         4588         051         134         456         500         053           59         10000         3873         041         154         456         400         503           50         10000         3873         041         154         446         579         058           50         10000         252         20         142         142         446         579         058           50         10000         253         144         156         153	59         100000         6889         068         21         34         767         030         2348           59         100000         6582         081         21         34         66         108         050         100           59         10000         5631         0.71         1.31         66         1088         0.66         118         1.48         0.67         138         0.46         108         0.66         1.51         1.48         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         1.50         0.68         0.69         1.51         0.68         0.69         1.51         0.69         1.68         0.69         1.50         0.70 </td <td>59         10000         6889         086         21         54         091         234         54         091         234         54         091         234         54         091         234         54         091         134         68         050         116         0         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         050         134         050         058         136         050         134         050         058         136         13</td>	59         10000         6889         086         21         54         091         234         54         091         234         54         091         234         54         091         234         54         091         134         68         050         116         0         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         134         04         050         050         134         050         058         136         050         134         050         058         136         13

TABLE 42 VOC Annual Statistics at Offawa (1997) Unit =micrograms/m³

					P E	PERCENTILE		LES					
Compounds	Compound Class	No.of Samples	% Sumples >DI.	% Average Muss	2%	25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
cis-2-Butene	АЖене	\$9	00 001	0.348	0.00	010	0.32	0.48	0.04	0.73	618	0.23	016
1-Penteno	Alkeno	59	100 00	0.349	80.0	0.12	0.24	0.38	0.02	090	0.18	0.21	0.13
1-Hoxene	Alkeno	59	89.83	0.338	0.00	0.12	0.26	0.37	000	0.64	0.18	0.21	0.15
trans-2-Buteno	Alkeno	59	98.31	0.332	0.04	600	0.35	0.50	000	0.66	0.18	0.23	810
Ereon114	Halogen	65	100 00	0 321	0.10	0.12	0.18	0.22	010	0.26	0.14	0.16	0.04
Methylcyclobexane	Alkane	59	96.61	0.311	0.00	0.10	0.28	0.36	0.00	0.52	0.21	0.21	0.12
Undecano	Alkano	59	96.61	0.308	0.02	0.10	0.25	0.34	000	0.56	0.18	0.19	0.12
4-Ethyltoluene	Arountio	59	100.00	0.302	90.0	0.11	0.25	0.33	0.02	0.46	0.18	0.19	010
Octano	Alkane	59	19 96	0.301	0.06	0.11	0.24	0 30	0.00	89.0	0.15	0.18	0.12
Nonane	Alkano	59	19.96	0.290	0.00	0.12	0.24	0.29	0.00	0.59	0.16	0.18	0.11
1,3,5-Trunethylbenzene	Aromatic	59	100 00	0.284	0.01	600	0 22	0.34	0 02	05 0	0.16	0.18	0.11
2, 3, 4. Tranethylpentane	Alkano	98	98.31	0.280	90 0	0.10	0.22	0.30	000	0.46	0.16	0.18	010
Cyclobexane	Alkano	59	19 96	0.276	90.0	0.10	0.26	0.32	000	0.46	0.18	0.18	010
Chloroform	Halogen	59	100.00	0.271	80.0	0.11	0.16	0.22	0.07	0.34	0.13	0.14	0.00
1,4-Dichlorobenzene	Halogen	59	100.00	0.260	0.04	0.10	0.18	0.28	0 02	0.57	0.16	0.17	0.12
2-Bithyltoluene	Aromatic	89	100.00	0.259	0.00	0.10	0.20	0.28	0.00	0.37	0.14	0.16	60.0
trans-2-Pentene	Alkene	59	98.31	0.247	100	60.0	0.22	0.28	000	88 ()	0.15	0.16	60.0
1, 3-Butadiene	Alkene	65	91.53	0.238	0.00	80.0	0.20	0.34	000	0.58	0.12	013	0.13
1,2,3-Trimethylbenzene	Aromatic	89	98.31	0.232	0.04	600	0.19	0.24	0.00	0.34	0.14	0.14	80.0
2,4-Dunethylpentane	Alkano	89	96.61	0.227	100	80.0	0.20	0.26	000	0.37	0.13	0.15	80.0
Втотопейьне	Halogen	89	100 00	0.224	90.0	0.07	0.14	0.16	0.05	0.35	010	0.11	0.05
1,4-Diethylbenzene	Aromatic	59	96.61	0 221	0.01	800	0.18	0 24	0.00	0.36	0.12	0.13	80 0
n-Propylbenzene	Aromatic	59	100 00	0 223	0.03	0.08	0.18	0.22	0.04	0.28	0.12	0.13	0.07
Styreno	Aromatic	99	80.36	0.211	000	0 04	610	0.28	0.00	1.25	0.10	0.16	0.22
2-Methyl-1-butene	Alkene	89	94.92	0.193	0.05	0.05	0.19	0.26	000	0.34	0.12	0.13	60 0
Trichloroethylene	Halogen	99	96 43	0.188	0.03	90 0	0.13	0.24	000	0.52	0.10	0.12	0.11
2,4-Dunethylhexane	Alkane	89	94.92	0.157	0.04	900	0.17	0.20	000	0.29	0.10	0.12	0.07
Dodecane	Alkane	65	91.53	0.130	0.00	0 0 0	0.12	016	000	0 24	010	60.0	0.05
Chloroethane	Halogen	59	89.83	0.127	0.00	0.04	80.0	0.12	000	0.14	0.07	0.07	0.04
2,5-Dunethylhexane	Alkano	65	8475	0.124	00.0	0.04	0.12	0.15	0.00	0.26	0.07	80 0	90 0
1-Mothylcyclopentene	Alkene	65	19 96	0.119	0.03	0.04	010	0.14	000	0.26	0.07	80.0	0.00
Indane	Aromatic	65	1996	0116	0 0 0	0.04	0.10	0.13	0.00	0.16	0.07	0 0 0	0.04
p-Cymene	Aromatic	59	81.36	0.112	00.0	0 03	010	0.12	0.00	0 22	90.0	0.07	0.05
1,2-Dichloroethane	Halogen	59	100.00	0.111	0.03	0.04	90.0	80.0	0.03	0.10	0.00	0.00	0 02
Dibromomethane	Halogen	65	86.44	0.108	00.0	0.03	0.07	0.10	000	0.12	90.0	0.05	0.03
4-Methylheptane	Alkane	89	69.49	0.109	00.0	00.00	014	91.0	0.00	0.26	0 0 0	0.08	0.00
Cyclopentene	Alkene	59	1996	0.109	0 0 0	0.04	80 0	0 12	000	0.15	900	0 0 0	0.04
cis-3-Methyl-2-pentene	Alkene	65	88.14	0.103	000	0.03	80.0	0.10	000	0.26	0.05	90.0	0.04
cis-1,3-Dimethylcyclohexane	Alkane	89	89.83	0 088	000	0.03	0.08	0.11	0.00	0.34	900	90.0	900
trans-4-Methyl-2-penteno	Alkene	65	27.12	0 083	000	0.00	0 03	0 37	0.00	0.73	000	80 0	0.18
iso-Propylbenzene	Aromatic	59	96.61	0 081	0.02	0.03	0.00	80.0	00.00	010	0.05	0.05	0.02
trans-2-Hexene	Alkene	65	94.92	0.076	0 02	0.03	90.0	80.0	0.00	0.12	0 04	0.05	0 03
1-Methylcyclohexene	Alkeno	89	84.75	0 064	000	0.02	900	0.10	0.00	0.14	0.04	0.05	0.03
2,2-Dunethylpentane	Alkane	59	83.05	0.061	000	0.03	0.07	800	000	0.10	0.05	0.05	0.03

TABLE 42 VOC Annual Statistics at Ottawa (1997) Unit emicrograms/m³

					PER	PERCENTILE	I L Z	LES					
Compounds	Compound Class	No.of Samples	No. of Samples % Samples > DL	% Average Mass	2%	25%	75%	%06	Min.	Mux.	Median	Mean	Std. Dev.
Cyclohesene	Alkene	51	9412	0.061	0.00	0.03	0.00	0.08	0.00	010	0.04	0.04	0.02
2 2-Dunethylpropane	Alkane	65	88 14	0.061	00'0	0 02	0.05	000	00.00	010	0 0 0	0.04	0.02
2 2-Dinethyllexane	Alkane	65	17.97	0.057	00.00	0 01	0.04	0.04	000	38 0	0 0 0	0.03	0.05
1.1-Dichtoroethylene	Halogen	63	61 02	0.057	000	000	0.04	80.0	000	80.0	0.00	0.03	0.03
Hemofolli	Halogen	98	92 86	0.055	000	0.02	0.03	0.05	000	90.0	0 03	0.03	0.02
1.3-Diedwlbenzene	Aromatic	65	89.83	HREFT	00.00	0.02	0.04	90.0	0.00	80.0	0.03	0.03	0.05
h onode plocomethane	Halogen	65	44 07	0.052	000	000	0.05	80 0	0.00	010	000	0.03	0.03
cis-4-Methyl-2-pentene	Alkend	65	27 12	0.053	000	0.00	0.04	0.17	000	0.32	0.00	0.01	600
trans 1.2-Dunethyleyeloheyane	Alkane	57	68.42	150.0	0.00	0.00	0.05	0.03	000	0.24	0.03	100	0.04
1-Heptene	Alkene	5.3	7.55	0.049	000	000	0.00	000	000	0.00	000	0.03	0.14
n-Buty benzene	Aromatic	65	88.14	0.047	000	0 02	0 0 4	900	000	0.00	0.03	0.03	0.02
frans-2-Octene	Alkene	65	59 32	0.045	000	000	0 0 4	80.0	0.00	0.14	0.03	0.03	0.03
Distrouncediformic	Halogen	65	49.15	0.043	0.00	000	0.04	900	00.0	0.08	000	0.05	0.03
cis-2-Hexeng	Alkene	65	67.80	0.041	0.00	000	0.04	900	000	0.08	0 03	0.03	0.03
trans-3-Methyl-2-pentene	Alkeno	65	50.85	0.041	0.00	000	900	80.0	0.00	0.13	0 02	0.03	0.03
cis-2- Jeptene	Alkene	2.3	24 56	0.036	000	000	000	010	000	0.16	000	0.05	0.00
Benzylchloude	Halogen	56	55.36	0.033	000	0.00	0.03	0 0 0	000	0.00	0 02	(0.0)	0.02
1,1,2,2-Tetrachloroethane	Halogen	65	38.98	0.030	0.00	000	0.04	0.05	0.00	900	000	[0.0]	0.02
sec-Butylbenzeno	Atomntic	6.5	84.75	0.028	000	0 01	0.02	0.04	0.00	100	0 02	0.05	0.01
2,2,5-Trunethylhexane	Alkano	5.7	3684	0.028	000	000	0.03	900	000	0.13	000	0.05	0.03
Iso-Butylbenzene	Aromatic	6.5	84.75	0.026	000	0 01	0.02	0 03	000	0.04	0.05	20.0	0.01
3,6-Dimethyloctane	Alkane	65	45.76	0.026	000	000	0.04	0.05	0.00	600	0.00	0.05	0 02
3-Methyl-1-pentene	Alkene	57	2632	0.024	000	000	0 02	0 0 K	000	0.12	000	0.05	0.03
crs-1.4/t-1.3-Dunethyleyelohevane	Alkane	5.7	52 63	0.024	000	00.00	0.02	0.05	000	80.0	0 01	0.05	0.02
(rans-1,2-Dichloroethylene	Halogen	63	35.59	0.023	000	0 00	0.02	0.04	000	90.0	0.00	10.0	0.02
2 Ethyl-1-Butene	Alkene	57	50 88	0.023	000	000	0.02	0.04	0.00	90.0	100	0.05	0.02
cas-1,2-Dichloroethylene	Halogen	68	30.51	0 023	00.0	0.00	0.05	0.01	00.00	90.0	000	100	0.02
(18-2:Octene	Alkene	50	22.03	0.022	0.00	00.00	0.00	0.05	0.00	0.12	00.00	0.01	0.03
RDB	Halogen	65	25.42	0.021	000	0.00	100	0.05	0.00	90.0	000	0.01	0.02
1-Decene	Alkene	51	7.84	0 021	0.00	0.00	00.0	0.00	00.00	0.32	000	0.01	0.05
1,1-Dichloroethane	Halogen	59	38.98	0.019	000	000	0 02	0.04	0.00	0.04	000	0.01	0.05
1,2-Diethylbenzene	Aromatic	65	61 02	0.019	000	000	0 02	0 03	000	0.01	0.01	0.01	0.01
trans-1,4-Dunethylcyclohexane	Alkane	57	45 61	0.019	000	000	0.02	0.04	0.00	90.0	0.00	0.01	0.02
1,2-Dichloropropane	Hafogen	65	25.42	0.017	000	0.00	00.00	0.04	000	90.0	0.00	0.01	0 02
1-Octene	Alkene	45	17 78	0.016	000	000	000	0.08	00.0	0.34	000	0.02	0.07
Ethylbrounde	Halogen	65	27 12	0.016	000	000	0 01	0.04	000	90.0	0.00	0.01	0.02
1,1,2-Trichloroethane	Halogen	65	16.95	0.014	0.00	0.00	0.00	0.01	00.00	0.08	000	0.0	0.05
frans-2-Hepteno	Alkeno	23	3684	0.011	000	000	0 02	0.04	000	90.0	000	0.01	0.02
1-Nonene	Alkene	42	14.29	0 0 0 0	0.00	00.0	0.00	0.07	000	0.20	000	0.05	0.04
4-Methyl-1-pentene	Alkeno	57	1404	600.0	0.00	000	000	0.05	0.00	0.11	000	0.01	0.02
cis-3-Heptene	Alkene	15	3.92	0.007	000	000	000	000	000	0.48	000	100	0.07
tert-Butylbenzene	Aromatic	65	16.95	9000	0.00	000	000	0.02	0.00	0.03	000	0.00	100
Vmytchtoride	Halogen	65	16.95	0 002	000		000	0.01	0.00	0.04	0.00	0.00	0.01
2,2,3-Trunethyllantane	Alkane	23	1404	0 001	000	000	0.00	0 0 0	000	0.03	000	0.00	0 01

TABLE 42 VOC Annual Statistics at Ottawa (1997) Unit=micrograms/m $^{\rm J}$ 

					PER	PERCENTILE	TI	LES					
Compounds	Compound Class	No.of Samples	% Sumples >DL	No.of Samples % Samples > DI, % Average Mass	2%	25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
1-Butyne	Alkyne	65	3.39	0 001	0.00	000	0.00	0.00	000	0.03	000	000	000
1.4-Dichlorobutano	Halogen	59	3.39	0.000	0.00	000	000	0.00	0.00	0 0 0 4	00.00	0.00	0.01
Hexachlorobutadiene	Halogen	59	13 56	0 000	000	0.00	000	0.00	0.00	0.00	00.00	0.00	0.00
trans-3-Heptene	Alkene	54	7.41	0.000	0.00	00.0	0.00	0.00	0.00	10.0	00.00	000	00.0
Hexylbenzene	Aromatic	59	1 69	0.000	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	00'0
cis-1,3-Dichloropiopene	Halogen	89	0.00	0.000	000	000	000	0.00	0.00	0.00	00.00	0.00	0.00
trans-1,3-Dichloroproperte	Halogen	59	0.00	0 000	000	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0 00
Bromotrichloromethane	Halogen	59	000	0 000	000	000	0.00	0.00	0.00	0.00	0.00	000	00 0
Chlorobenzene	Halogen	59	000	0 000	0.00	000	0.00	000	0.00	000	00.00	0.00	00 0
1.3-Dichlorobenzene	Halogen	59	0.00	0.000	000	000	0.00	000	000	000	00.00	000	00 0
1,2-Dichlorobenzene	Halogen	59	00 0	0.000	000	000	000	0.00	00.0	0.00	000	000	0 00
1,2,4-Trichlorobenzene	Halogen	59	00 0	#DIV/0!	000	000	0.00	000	00.00	0.00	0.00	0.00	0.00
1 3-Flichlorobonzene	Halogen	59	0000	0000	000	0.00	000	000	000	000	000	000	0.00

TABLE 43 VOC Annual Statistics at Point Petre (1997)

900000000000000000000000000000000000000					P ER	CEL	PERCENTILES	ES			:		ced Des
4	Compound Class	No of Samples	% Samples >DI.	% Average Mass	5%	25%	75%	%06	Min.	Max.	Median	ASA	1.45
Compounds	Паюрен	58	100 00	15 320	3.21	3 80	5 42	189	2 70	11 6	70 6	11 36	38.66
Freen12	Halogen	58	100 00	14118	0 54	0 94	388	22 43	0 40	25024	8/ 1	00 11	1113
Dichloromethane	Alkone	300	100 00	8 728	1 36	2 03	375	4.44	1 10	6 22	2 04	56.7	1.13
Ethane	Alkane	85	100 00	\$ 946	0 80	1 08	281	3 99	0.43	6 52	64.1	107	1.31
Propane	Alkane	23	100 00	5 394	1 63	184	2 09	2 18	1 54	2.35	961	1.90	61.0
Freonl1	Halogen	3 35	00 001	4124	0.46	96.0	167	2 0 2	0.42	2 66	1.35	1.31	0.57
1,1,1-Trichloroethane	Halogen	96 98	100 00	3 692	0 22	0 64	1 91	2 41	0.14	4 80	115	1.33	160
Butane	Alkane	9 30	100 001	3 392	0.26	0.73	1.54	184	0.25	3.33	1 08	1.16	0 64
Acetylene	Alkyne	18	100.00	3 130	0.36	190	1 40	1 82	0.20	2 92	660	1.11	0.58
Isopentane	Alkane	90	00 001	3.112	0.38	0 71	1.37	1 97	0.30	2.44	68 0	1.07	0.53
Toluene	Aromatic	98	100 00	3 029	0.84	0.92	1 02	1 05	0 71	124	160	0 97	600
Oldoromethane	Halogen	28	00 001	2302	090	990	0 72	0.75	0 54	0.82	690	690	900
( 'arbontetrachlonde	Halogen	28	100 00	1 033	0 18	0.32	0.94	1.12	000	2 22	0.58	190	0.43
Isobutane	Alkane	28	100 00	676 1	017	18 0	0 00	107	0 08	1 72	0.63	0.63	0.35
2-Methylpentane	Alkane	28	100 00	9691	0 0 0	0 40	0.73	1 10	0 02	1.37	0.54	0.61	0.31
in and p-Xvlene	Aromatio	28	100 00	56/ 1	67.0	01:0	630	1 04	0.08	2 00	0.52	090	0.40
Filiplene	Alkene	88	100 00	1 /14	010	000	000	0.04	0.15	1 76	0 58	190	0.35
Deniane	Alkane	88	100 00	1715	07.0	0 22	07.0	100	610	183	0 57	0 57	0.28
Described	Aromatio	58	100 00	1 649	0 2.4	0.37	0/0	100		0 63	0.38	0.37	800
Econo.	Halogen	58	00 001	1 152	0.26	0.32	0.43	0.49	070	210	0.30	0.36	0 30
1.16.611.2	Alkane	58	00 001	1 018	0 14	0 22	0.36	0.54	010	17	30.0	000	0.10
Hexane	Alkene	58	98 28	0.897	110	0 24	0.35	0.43	000	0 0	070	V C C	110
1-Butene/Isobutene	Aromatio	58	00 001	0 697	010	0 16	0 30	0 10	0 0 0	100	77.0	600	0 11
Ethylbenzenc	Alkane	88	100 00	0.632	010	0.15	0.26	0.34	0 0 0 1	0.6.1	17.0	770	010
3-Methylpentane	Arometic	800	100.00	0 593	0.08	0.13	0.25	0.35	0 02	0 44	810	07.0	010
o-Xylene	Aronisan	20 %	100 00	0 541	600	0.14	0 22	0.26	0 08	0 42	0 17	0.18	100
Tetrachloroethylene	Halogen	000	100 00	0 515	0.11	0.13	0.20	0.23	010	0.28	0.15	010	0.00
Freen114	Haloken	85	96 55	0.483	0.00	600	0.23	0 30	000	0 20	0 14	/10	11.0
2,2,4-Trunethylpentane	Alkane	2 3	03 10	0.454	0 00	010	0.20	0.10	000	0.38	0 14	0.10	60.0
Propylene	Alkene	90 09	58.89	0.431	0.03	0.07	0.20	0.28	000	0.43	0 12	0.15	0.10
3-Methylhexane	Alkane	90	9483	0.354	0.03	0.08	910	0.21	000	0.36	0 11	0 12	0.07
Heptane	Alkane	000	100 00	0.349	900	0.08	0.15	0 18	0.00	0 22	0 11	0 11	0 0 0
Bromomethane	Halogen	000	96 55	0.335	0.04	900	0 14	0.21	000	0.40	010	0.12	80.0
Methylcyclopentane	Alkane	0 00	00 001	0.326	001	900	0.14	0 21	0 0 0	0.30	60 0	0.11	0.00
Undecane	Alkane	30	00 001	0.314	0.0.4	0.08	0 16	0.18	0 0 0	0.22	0 11	0.12	0.05
Trichloroethylene	Halogen	76	100 00	0 307	0 08	0 08	0 11	0 12	900	0.14	0 10	0.10	0 05
Chloroform	Halogen	36	53.45	0 280	000	000	017	0 24	000	0 47	0 08	010	0.11
1-Hexene	Alkene	000	2000	0.274	0.03	0.00	0 12	017	000	0 30	600	0.10	
1,2,4-Trunethylbenzene	Aromatio	28	92 96	0.371	0.00	0.05	0 14	0.20	000	0.54	0 08	010	
Cyclohexane	Alkane	80	07.70	1120	000			0 18	0000	0.38	600	600	
2-Methylhexane	Alkane	288	13.80	5520	003			0.14	000	0 24	600	600	
2,2-Dunethylbutane	Alkane	28	87.86	0.23	000				000	0 52	0 03	600	0.12
Soprene	Alkene	\$3	26 60	0.237	000					610	0.07	0 08	0 0 4
Decane	Alkane	28	93 10	0.242	000						0 08	0 08	900
2 3. Dimethylbutane	Alkane	88	8621	0 226	000							000	0.04
Dodesono	Alkane	98	9483	0 2 2 0	0 0 0							0.08	0 08
2 2 Dunethyloenfane	Alkane	88	17.59	0.218	000								0 0 0
organization and the control of	Aromatio	58	7586	0 101	000	_							
1 Deviene	Alkene	58	79.31	0 182	000							90.0	0.04
ן-ג'פוופוופ	Aromatic	58	96 55	0 178	0 0 0	004	8000	110 8	0 0 0	0 22			
3-Ethyltomene	ARBITANI												

TABLE 43 VOC Annual Statistics at Point Petre (1997)

Unit =micrograms/m<sup>3</sup>

					PE	PERCE	NII	-					
ompounds Tall	compound class	No of Samples	% Sampler >DL	% Average Mass	3%	75%	75%	%06	Min.	Max.	Median	Median	2
Naphunaiche	Aloimuc	8, 1	12.41	0.171	00.0	000	0.00	0.13	0.00	0.18	000	0.00	900
Delane	Alkane	28	86.21	0 107	0.00	0.0.1	80 0	010	000	0.14	90 0	900	0.03
Cyclopentane	Alkane	58	84.48	0 164	000	0 03	0 08	010	000	0.20	90 0	900	0.04
Obsementiane	Halogen	58	8.1.48	0 163	000	0 0 0	0 0 0	010	0.00	0.14	0.00	0.05	0.04
2-Methyl-2-butene	Alkene	58	9110	1910	000	0.01	0 0 0	80.0	000	0.14	900	0 0 0	0.03
Melliyleyclohexane	Alkane	58	82 76	0.155	000	0.05	0 08	0 12	000	81 0	0 0 0	900	0.04
1,2-Dichloroethane	Halogen	88	98.28	0.156	0 0 0	0.04	900	80 0	000	010	000	0.00	0 0 0
2,3,4-Tramethylpentane	Alkane	58	82 76	0.153	000	0.03	0 0K	010	000	0 16	900	0 0 0	0 0 4
Nonane	Alkane	58	82 76	0.148	000	0.04	0 08	0:0	000	0 12	900	0.05	0 03
3-Methylheptane	Alkane	58	72.41	0.146	000	0.00	0 0K	0 12	000	0.18	0.00	0.00	0.00
Chloroethane	Halogen	58	7414	0.135	000	100	0.07	0 08	000	0.12	0.04	0 04	0.03
4-Ethyltoluene	Aromatio	58	\$\$ 96	0.127	0 0 0	0.03	900	0.07	000	0.16	0.04	0 04	0 03
cis-2-Pentene	Alkene	85	65 52	0 123	000	0.00	0.07	600	0000	0.15	0 04	0.04	0.04
2-Ethyltoluene	Aronntio	58	96 55	0 115	0.01	0.00	0.04	0.07	000	0.12	0 03	0 0 4	0 03
n-Propylbenzene	Aromatic	\$8	96 55	0.111	0 0 0	0 0 0	0.00	0 00	000	0 14	0 0.4	0 0 4	0 02
2,4-Dimethylpentane	Alkane	58	7414	0 106	000	0.01	900	0 08	000	910	0 0 4	0 04	0.04
2-Methylheptane	Alkane	57	52 63	0 103	000	0.00	90.0	600	000	0 22	0 03	0.04	0.05
,2,3-Trunethylbenzene	Aromatic	58	9483	84.0 0	100	0.05	0.01	0.00	000	010	0.03	0.03	0 02
1,1-Dichloroethylene	Halogen	98	60.34	0.093	000	000	900	80 0	000	010	0.03	0.03	0 03
Вготоботи	Halogen	52	9423	0.088	0 01	0.05	0.01	900	000	0.08	0.03	0.03	0 02
2,4-Dunethylhexane	Alkane	58	63.79	0.088	000	000	0 0 0	900	000	0 12	0 0 0	0.03	0 03
1,4-Dichlorobenzene	Halogen	58	94.83	0.085	100	0.05	0.0.1	0.04	000	80 0	0.03	0.03	0 0 1
1,3,5-Trunethylbenzene	Aromatic	58	9.483	0.083	000	0.02	0.04	900	000	80 0	0 02	0.03	0 0 0
Bromodichloromethane	Halogen	58	4183	0.081	000	000	0 0 0	900	000	0.10	000	0.03	0 03
,4-Diethylbenzene	Aromatic	98	70 69	0.079	000	000	0.04	0 0 0	000	0 12	0 03	0.03	0 03
Styrene	Aromatic	53	32 08	0.078	000	000	0.04	010	000	0 30	000	0.03	900
so-Propylbenzene	Aromatic	58	93 10	0 071	000	0 0 0	0 03	0.04	000	0 08	0 0 0	0 0 0	0.01
2,5-Dimethylhexane	Alkane	58	48 28	0.071	000	000	0 03	900	000	0 23	000	0 0 0	0 04
Dibromodilloromethane	Halogen	58	55 17	0.000	000	000	0 0.1	900	000	0 08	0 02	0 02	0 02
2-Methyl-1-butene	Alkene	58	58 62	890 0	000	000	0 03	0 0 0	000	0.12	0 02	0 0 0	0 03
2,2-Dunethylpropane	Alkane	58	49 07	0.06.4	000	000	0 0.1	0 0 4	000	80 0	0 02	0 02	0 02
1,1,2,2-Tetrachdoroethane	Halogen	28	53.45	0.061	000	000	0 0 4	900	000	900	0 01	0 0 0	0 0 0
Benzylchlonde	Halogen	52	53.85	0 0 0 0	000	000	0 04	0 0 0	000	0 12	0.02	0 02	0 03
Indane	Aromatio	58	82 76	0 0 0 88	000	0 01	0 0 0	0 03	000	80 0	0 0 0	0 0 0	0 01
-Methylcyclohexene	Alkene	58	20 00	0.054	000	000	0 03	0.05	000	0 08	0 01	0.02	0 0 0
Cyclohexene	Alkene	40	63 27	0.05.1	000	000	0 04	000	000	0 0 0	0 02	0 02	0.02
cis-2-Heptene	Alkene	99	21 43	1500	000	000	000	0 08	000	0.15	00.00	0 02	0 0 4
1,1-Dichloroethane	Halogen	58	51.72	0.047	000	000	0 03	0 04	000	900	0 01	0.02	0 0 0
1,2-Dichloropropane	Halogen	58	39 66	0 0.46	000	000	0 0 0	0 04	000	80 0	000	100	0 02
cis-2-Butene	Alkene	58	46.55	0.0.4.\$	000	000	0.03	0 0 4	000	900	000	0.02	0 02
cis-1,2-Dichloroethylene	Halogen	58	46 55	0 042	000	000	0 0 0	0 0 4	000	900	000	0 01	0 0 0
Cyclopentene	Alkene	58	55 17	0 0.42	000	000	0 0 0	0 0 4	000	90 0	0 01	0.01	0 02
cis-1,3-Dunethylcyclothexane	Alkane	58	55 17	0 039	000	000	0 0 0	0 03	000	90'0	0 01	0 01	0 02
1-Methylcyclopentene	Alkene	58	51.72	0 039	00.00	000	0 02	0 03	000	900	0.01	0 01	0.02
trans-1,2-Dichloroethylene	Halogen	88	46 55	0 037	000	000	0.02	0 04	000	0.00	00 0	0 01	0 02
Ethylbrounde	Halogen	98	37.93	0 035	000	000	0 02	0.04	000	900	00.00	0 01	0 02
bans-2-Butene	Alkene	58	39 66	0.033	00.00	000	0 0 0	0 04	000	90.0	000	10.0	0 02
4-Methylheptane	Alkane	57	3684	0 033	000	000	0 02	0.04	0000	0 0 0	000	0.01	0 02

TABLE 43 VOC Annual Statistics at Point Petre (1997)

Ilagen	Compounds	Compound Class	No of Samples	% Santoles >DI	% Average Mass	5%	5% 25%	75% 90%	%06	Min.	Max.	Median	Median	Std. Dev.
Maine   Si	1,3-Butadiene	Alkene	288	18 97		0.00	000	000	0 03	000	0 24	000	100	0.04
Atlaine         38         1866         0.00         0.01 <t< td=""><td>EDB</td><td>Halogen</td><td>58</td><td>29 31</td><td>0.030</td><td>000</td><td>000</td><td>0 02</td><td>0 03</td><td>0 00</td><td>0 08</td><td>000</td><td>0.01</td><td>0 02</td></t<>	EDB	Halogen	58	29 31	0.030	000	000	0 02	0 03	0 00	0 08	000	0.01	0 02
Michael	2,2.Dunethylliexane	Alkane	58	39 66	0.030	000	000	0 01	0 03	000	0 12	000	0 0 1	0 0 0
Material	1-Heptene	Alkene	57	8 77	0 028	000	000	000	000	0 00	0.20	000	0.01	0.03
Attached Attached State	cis-3-Methyl-2-pentene	Alkene	SR	1724	0 027	000	000	000	0.01	000	0 22	000	0.01	0 03
cet         Allocation         38         34.44         0.023         0.02         0.02         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05	sec-Butylbenzene	Aromatic	58	58 62	0.026	000	000	0 0 0	0.05	000	0 0 0	0 01	100	0.01
table of the control of the	iso-Butylbenzene	Aromatic	98	53.45	0.025	000	000	100	0 02	000	0.04	0 01	0 01	0 0 1
the Adhane Adhane St	1,1,2-Trichloroethane	Halogen	58	2414	0.025	000	000	000	0.04	000	80 0	000	0.01	0 02
the thirty of Alberta (Alberta	1,3-Diethylbenzene	Aromatic	58	46 55	0 023	000	000	0 01	0 02	000	0.04	000	0 01	100
Specialistical         Allerine         SS         40.0         0.00         0.0	2,2-Dunethylpentane	Alkane	58	32.76	0.023	000	000	0 0 0	0.03	000	0 08	00.0	100	0 0 0
Archanide Alvinatica Alvinatica Statistical Alvinosition Alvinosition Alvinosition Alvinosition Alvinosition Alvinosition Statistical Alvinositical Alvinosity Statistical Alvinositical Alvinositic	trans-4-Methyl-2-pentene	Alkene	85	8 62	6100	000	000	000	000	000	0 10	00.0	0.01	0 0 0
Atkene         58         2241         0.017         0.02         0.02         0.02         0.02         0.02         0.03 <t< td=""><td>n-Butylbenzene</td><td>Aromatic</td><td>88</td><td>43 10</td><td>0.020</td><td>000</td><td>000</td><td>0 0 1</td><td>0 02</td><td>00 0</td><td>0 0.4</td><td>0 00</td><td>100</td><td>100</td></t<>	n-Butylbenzene	Aromatic	88	43 10	0.020	000	000	0 0 1	0 02	00 0	0 0.4	0 00	100	100
Atkerte         55         621         0.018         0.01         0.02         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.01         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05 <t< td=""><td>cis-4-Methyl-2-pentene</td><td>Alkene</td><td>58</td><td>22 41</td><td>0.017</td><td>000</td><td>000</td><td>000</td><td>0 02</td><td>00 0</td><td>0.00</td><td>000</td><td>0 01</td><td>0 0 1</td></t<>	cis-4-Methyl-2-pentene	Alkene	58	22 41	0.017	000	000	000	0 02	00 0	0.00	000	0 01	0 0 1
Atkers         46         1323         0117         010	1,2-Diethylbenzene	Aromatic	58	36.21	0.018	000	000	10.0	0 0 0	000	0 04	000	100	0 01
Albane         55         23.21         0 th         0 th <t< td=""><td>1-Octene</td><td>Alkene</td><td>46</td><td>15 22</td><td>0 017</td><td>0 0 0</td><td>000</td><td>000</td><td>0 02</td><td>000</td><td>600</td><td>00.0</td><td>0 01</td><td>0.02</td></t<>	1-Octene	Alkene	46	15 22	0 017	0 0 0	000	000	0 02	000	600	00.0	0 01	0.02
Akliene         55         28.57         0 off	2,2,5-Trunethylhexane	Alkane	95	23.21	9100	000	000	000	0 03	000	90 0	000	0 01	100
Allerine         38         36-21         0.044         0.04         0.01	trans-1,2-Dunethylcyclohexane	Alkane	95	28 57	\$10.0	000	000	100	0 02	000	0 03	000	100	0 01
Allerine         58         32,56         0.011         0.01	trans-2-Pentene	Alkene	58	36 21	0.014	000	000	100	100	00.0	0.04	000	000	100
Alkerne         58         1522         0.012         0.03         0.03         <	trans-2-Hexene	Alkene	86	32.76	0.013	000	00 0	0 01	0.01	000	0.0.4	000	000	0 01
Histogen Alkerne Alkerne Alkerne Se Histogen Se Histog	frans-2-Octene	Alkene	58	15 52	0 012	000	000	000	0.02	000	0.00	000	000	0 01
Albane         56         1141         0009         000         001         010         001	Vmylchlonde	Halogen	58	20 69	6000	000	000	000	0 01	000	0 03	000	000	0 01
Alkerne         56         1786         0000         00	trans-1,4-Dunethyleyclohexane	Alkane	98	21 43	0.000	000	00.0	000	100	0 00	0.03	000	000	100
Alkerie         58         B 82         0 000         0 00         <	trans-2-Heptene	Alkene	99	1786	6000	000	00:0	000	0 02	000	0.03	000	000	0.01
Alkane         56         23.21         0.00         0.00         0.01         0.02 <t< td=""><td>cis-2-Octene</td><td>Alkene</td><td>58</td><td>8 62</td><td>0000</td><td>000</td><td>000</td><td>000</td><td>000</td><td>000</td><td>0.04</td><td>000</td><td>000</td><td>0 01</td></t<>	cis-2-Octene	Alkene	58	8 62	0000	000	000	000	000	000	0.04	000	000	0 01
Alkene         54         714         0.004         0.00 <th< td=""><td>cis-1,4/t-1,3-Dunethylcyclohexane</td><td>Alkane</td><td>98</td><td>23.21</td><td>0 0000</td><td>000</td><td>000</td><td>000</td><td>0 01</td><td>000</td><td>0 01</td><td>00 0</td><td>000</td><td>000</td></th<>	cis-1,4/t-1,3-Dunethylcyclohexane	Alkane	98	23.21	0 0000	000	000	000	0 01	000	0 01	00 0	000	000
Alkene         36         3.46         0.044         0.04         0.05 <t< td=""><td>4-Methyl-1-pentene</td><td>Alkene</td><td>56</td><td>714</td><td>\$ 00 0</td><td>0 0 0</td><td>000</td><td>000</td><td>000</td><td>000</td><td>0 03</td><td>000</td><td>000</td><td>0 01</td></t<>	4-Methyl-1-pentene	Alkene	56	714	\$ 00 0	0 0 0	000	000	000	000	0 03	000	000	0 01
Alkame         58         110.34         0.001         0.00	3-Methyl-1-pentene	Alkene	99	\$ 36	0 004	000	000	000	000	000	0 04	000	0 00	100
Adjyne         38         517         0001         000<	3,6-Dunethyloctane	Alkane	××	10 34	0 00:1	000	000	000	000	000	0.02	0000	0 00	0 01
Accountion         58         172         0.002         0.00	1-Butyne	Alkyne	58	517	0 001	000	000	000	000	000	0.04	000	0 00	0 01
Hidogen Signature Signatur	tert-Butylbenzene	Aromaho	58	1.72	0 002	000	0 00	000	0 0 0	000	0.05	000	000	000
Alkere         55         736         0,011         0,00 <th< td=""><td>cis-1,3-Dichloropropene</td><td>Halogen</td><td>28</td><td>1 72</td><td>100.0</td><td>0.00</td><td>000</td><td>000</td><td>000</td><td>000</td><td>0.05</td><td>00 0</td><td>000</td><td>000</td></th<>	cis-1,3-Dichloropropene	Halogen	28	1 72	100.0	0.00	000	000	000	000	0.05	00 0	000	000
Alkene         58         172         0 mm	2-Ethyl-1-Butene	Alkene	98	5 36	1000	000	00.0	000	000	000	0.01	000	000	000
Alkere         58         0.00 <th< td=""><td>cis-2-Hexene</td><td>Alkene</td><td>28</td><td>1 72</td><td>0.000</td><td>000</td><td>000</td><td>000</td><td>000</td><td>000</td><td>0 01</td><td>000</td><td>000</td><td>000</td></th<>	cis-2-Hexene	Alkene	28	1 72	0.000	000	000	000	000	000	0 01	000	000	000
tutane         Alkane         56         0.00         <	trans-3-Methyl-2-pentene	Alkene	28	000	0000	000	000	000	000	000	0 00	0 00	000	000
Alkene Alkene SS 000 000 000 000 000 000 000 000 000	2,2,3-Trimethylbutane	Alkane	98	000	0 0 0 0	000	000	000	000	000	000	000	0.00	0.00
Alkene         55         000         0100         060<	trans-3-Heptene	Alkene	55	00.0	0 0 0 0	0.00	000	0.00	000	000	000	0.00	0 00	000
Alkerie         41         040         0100         010	cis-3-Heptene	Alkene	55	00 0	0 000	000	000	000	000	000	000	000	0.00	000
Alteries         50         0.00         0.000         0.00	I-Nonene	Alkene	41	000	0 0 0 0	000	000	000	000	000	000	000	0.00	0.00
Aromnido         58         000         0100         01	I-Decene	Alkene	90	000	00000	0 00	000	000	000	000	000	000	000	000
Halogent         58         040         0.000         0.00         <	Hexylbenzene	Aromatio	88	000	0000	000	000	000	000	000	0 00	000	0.00	0.00
refluies         Halogent         58         0.00	trans-1,3-Dichloropropene	Halogen	58	000	00000	000	000	000	000	000	000	000	000	0000
Halogen S8 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Bromotrichloromethane	Halogen	58	00 0	0 000	000	000	000	000	000	000	000	000	000
Halogent S8 0 000 0 000 0 000 0 00 0 00 0 00 0	Cldorobenzene	Halogen	28	00 0	0000	0 00	00 0	000	000	000	000	000	000	0000
Halogent S8 0.000 0.000 0.00 0.00 0.00 0.00 0.00	1,4-Dichlorobutane	Halogen	58	0 00	0 000	000	000	0 00	000	000	000	000	000	0 0 0
r Halogen S8 0,000 0,000 0,000 0,00 0,00 0,00 0,0	1,3-Dichlorobenzene	Halogen	28	000	0000	000	000	000	000	000	000	000	000	00 0
c Halogen 58 0.000 0.000 0.00 0.00 0.00 0.00 0.00	1,2-Dichlorobenzene	Halogen	58	00 0	0000	000	000	0 00	000	000	000	000	000	000
Halogen 58 000 0000 000 000 000 000 000 000 000	1,2,4-fnchlorobenzene	Halogen	28	000	0000	0 0 0	000	0 00	000	000	000	000	000	000
	Hexachlorobutadiene	Halogen	58	00 0	0 000	000	000	000	00 0	000	0 0 0	000	000	000

TABLE 44 VOC Annual Statistics at Sarnia (1997) Unit =micrograms/m²

ompounds	Compound Class	No.of Samples	% Samples >DL	% Average Mass	3%0	6,67	15%	10.00	TATILL.	W. C.	Median	tipara!	310. Dev.
Uhane	Alkane	53	00 001	7301	2.16	303	8 74	12 11	1 28	21.34	495	624	415
Propane	Alkane	16	00 001	167/	660	917	10.93	8/./8	0.66	48.14	4 66	8 09	9.11
Isopentane	Alkane	57	00 001	6 2 5 4	0.85	2 0 2	9.78	19.14	890	39.91	3 66	7.29	8.43
Butane	Alkane	57	00 001	5 836	0.67	144	9.20	17.70	0.35	43.98	3 24	739	9.48
Freont2	Halogen	2.2	100 00	2 600	2.31	2 64	2.89	3.42	2 11	11 08	2 80	2.99	1.20
Poluene	Aromatic	57	100 00	4 809	65 0	1.78	624	11.11	0.46	40.98	3.44	5.17	6 2 9
Ethylene	Alkene	57	100 00	4170	0.54	06.0	8 0 8	18.30	0.04	46 53	69.1	6.12	9.37
Acetylene	Alkyne	57	100 00	3654	0.89	1.54	3 22	421	9\$ 0	11 6	2 43	265	1.59
2-Methylpentane	Alkane	57	100 00	3.641	0 44	1 02	5.54	8 07	0.24	9784	1 86	485	1284
Pentane	Alkane	57	00.001	3 532	15.0	1 08	6 52	10 72	0.40	1504	2 26	3.95	401
kobutane	Alkane	57	100 00	3 038	0.37	690	484	10 60	0 24	22 44	1 76	3 93	491
Freon11	Halogen	53	100 00	3 056	1 43	1.67	1 80	1 88	1.26	221	1.73	1.73	0.17
Chloromethane	Halogen	57	100 00	2 782	0.92	86.0	3 28	7 30	0.85	28 56	1.10	3 14	4.78
in and p-Xylene	Aromatic	57	100 00	2 2 1 5	0.33	0.70	2.70	4.44	0.24	8 64	1.49	2.20	2 03
Benzene	Aromatic	57	100 00	2114	0.37	0.70	3.31	5.55	0.32	1576	1 18	2.45	2.98
Cyclohexane	Alkane	57	95.98	1 928	000	80.0	493	1387	000	27 22	0.22	3.87	189
Propylene	Alkene	57	100.00	1 892	0.20	0.37	3.38	7.22	010	3575	0.78	3.14	6.03
1-Butene/Isobutene	Alkene	57	100:00	1 827	0.31	0.48	3.08	6.40	0.26	38 50	92.0	2.87	69 5
fexane	Alkane	57	100 00	1 842	610	0.48	427	6.58	910	1415	0.83	2.52	3.13
3-Methylpentane	Alkane	57	100 00	1.737	0 19	0 38	3.46	5.22	0.18	42 70	86.0	2.56	5.74
arbontetrachlonde	Halogen	57	100.00	1.293	0.57	0.64	0.71	0.72	0 20	1 06	0 67	190	0 08
1,1,1-Trichloroethane	Halogen	57	100 00	1.023	0 43	0 0 0	0.57	0 62	0 39	0.71	0.55	0.54	000
Freen22	Halogen	57	00 001	0 922	0.30	0.39	0 62	0.76	0.26	1.71	0 47	0.53	0.23
Dichloromethane	Halogen	57	100.00	858 0	0 23	0.34	0.58	160	0.20	2 83	0.43	0.54	0 42
Ethylbenzene	Aromatic	57	100 00	0.830	0.14	0.28	1.33	2 10	010	4 10	0.54	060	0 88
2,2,4-Trunethylpentane	Alkane	57	100 00	0.810	0 12	0.26	1.33	2.19	80 0	5 44	0 46	0.95	1.14
o-Xylene	Aromatic	57	00 001	0 768	0.14	0 28	0 91	1.50	010	282	0.54	0.74	990
,2,4-Trimethylbenzene	Aromatic	57	00 001	0 749	0.14	0.26	0.92	1.35	010	282	0 46	690	0.58
Methylcyclopentane	Alkane	2.1	100 00	0.704	600	0 24	1.34	2.19	0 0 0	3 32	0.37	0.83	98'0
2,3-Dunethylbutane	Alkane	57	00 001	0.703	0 00	0.18	1.10	1 76	900	22 49	0.36	1.04	2.96
3-Methylhexane	Alkane	57	100.00	0.685	0 12	0.28	0.82	1.27	010	1 90	0.42	090	0.45
I-Hexene	Alkene	57	92.98	0 641	000	0.14	0 62	1.21	000	20 34	0.26	0.94	2.79
2-Methylltexane	Alkanc	57	100.00	0614	010	0.21	0.80	1.36	0 03	2 09	0.34	190	0.55
Heptane	Alkane	23	100.00	0 562	010	0.19	080	1.39	0 0 0	2 30	0.40	0.58	0 54
2-Methyl-2-butene	Alkene	57	100 00	0 528	010	0.18	0.72	1.23	0.07	2 09	0 32	0.52	0.50
Cyclopentane	Alkane	23	100.00	0 518	900	0.12	0.76	1.08	0 0 0	26 66	0.25	680	3.50
3-Ethyltoluene	Aromatio	21	100.00	0.491	600	0.18	0.56	0 83	80 0	1 72	0 38	0.44	0.37
2,3.Dimethylpentane	Alkane	57	100 00	0.473	0.08	0.16	0.54	0.90	0 0 4	1 62	0.29	0.41	0.35
2,2-Dunethylbutane	Alkane	57	100.00	0 424	0 0 0	0.14	0.54	0.92	0 0 0	725	0 24	0.49	96'0
Isoprene	Alkene	99	96.43	0.378	0.03	80.0	0.45	0.75	000	3 90	0.15	0.34	0.58
<b>Tetrachloroethylene</b>	Halogen	2.1	100.00	0 373	0 08	0 14	0.32	0.62	0 0 0	2.54	0 22	0.34	0.41
Naphthalene	Aromatic	57	92.98	0.364	000	0.13	0.51	0.85	000	1 20	0.25	0.34	0.30
Freon114	Halogen	57	100 00	0 349	0 11	0.14	0.22	0 26	600	0 30	91.0	0.18	0.00
Methylcyclohexane	Alkane	57	94.74	0.318	0 0 0	60.0	0 46	1.12	000	1 68	0.20	0.39	0.44
,3-Butadiene	Alkene	57	82 46	0 306	0.00	90.0	0.63	1.25	000	4 30	0 12	0.50	0.88
sis-2-Pentene	Alkene	23	100 00	0 311	0 0 0	0.11	0 36	0.74	0 04	1.06	0.17	0.28	0.27
215-2-Butene	Alkene	57	96.49	0.297	0 04	800	0.48	1.13	000	4 40	0.12	0.44	0.72
1-Pentene	Alkene	57	100.00	0.292	800	0.12	0.30	0.60	0 04	1.72	0.18	0.27	0.28
Undecane	Alkane	57	98 25	0 291	0 04	80.0	0.36	990	000	1.10	0.20	0 27	0.26

TABLE 44 VOC Annual Statistics at Sarnia (1997) Unit=nutrograms/m²

Composed Class         Name         75         Activation         75         75         Activation         75         75         Activation         75         <						P E	PERCENTILES	L	LES					
Allame         57         6774         7850         670	Compounds	Compound Class	No.of Samples	% Samples >DL	% Average Mass	5%	25%	75%	%06	Mfb.	Max.	Median	Mean	Std. Dev.
Athere         57         474.4         0.283         0.0         0.08         6.04         7.0         7.0         1.0         0.0         0.0         0.0         1.0         0.0         0.0         0.0         1.0         0.0 <th< td=""><td>3-Medrylheptane</td><td>Alkane</td><td>57</td><td>94.74</td><td>0 5 5 0</td><td>0 0 0</td><td>0.12</td><td>0.38</td><td>0.59</td><td>000</td><td>96.0</td><td>0 18</td><td>0 28</td><td>0.23</td></th<>	3-Medrylheptane	Alkane	57	94.74	0 5 5 0	0 0 0	0.12	0.38	0.59	000	96.0	0 18	0 28	0.23
Affixine         57         877.2         0.264         0.024         0.06         0.03         0.05	Decane	Alkane	57	94.74	0 283	0 03	800	0.42	0.74	000	1 78	0.20	0.32	0.34
Albane         57         1000         229         0.06         610         63         61	trans-2-Butene	Alkene	57	87.72	0 264	000	900	0.50	1.05	000	3.40	0 12	0.41	9 0
Attenuise 56 0964 0274 000 000 000 000 000 000 000 000 000 0	2,3,4-Triinethylpentane	Alkane	57	100.00	0 269	90 0	0.10	0.33	0.52	0 03	1 36	0 16	0 27	0.27
Oklame         57         10000         0.259         0.05         <	Styrene	Aromatio	92	69 64	0 274	000	000	0.40	0.94	0 0 0	327	0 12	0.38	19.0
Accomalies         57         100000         62.29         0.05         0.05         0.10         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01         0.05         0.01	Octane	Alkane	57	100 00	0 263	0 0 0	800	0 39	0.71	0 03	1 40	910	0.28	0.29
Adjuant         57         110000         0.243         0.044         0.05         0.15         0.04         0.05	4-Ethyltoluene	Aromatio	57	100.00	0 259	0.05	0.10	0.26	0.43	0 0 4	98 0	0 17	0 23	0.18
Atkhane         56         879.9         0.244         0.00         0.04	1,3,5-Trimethylbenzene	Aromatic	23	100 00	0 249	0.04	80 0	0.32	0.51	0 04	0 88	910	0.23	0.19
Albane	2-Methylheptane	Alkane	56	87 50	0 241	0.00	600	0.34	990	000	1 03	0 19	0.26	0.25
Halogen   Adenmatic   Adenma	Nonane	Alkane	57	92.98	0 242	000	0.10	0.42	690	000	1 40	0.15	0.27	0.28
creating         Accoration         57         1400 to         0.213         0.04         0.05         0.03         0.03         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05	Bromomethane	Halogen	57	100.00	0.239	900	600	0.17	0.20	0 0 0	0 22	0.12	0.13	0.00
state         Arcentation         57         96.89         0.217         0.04         0.05	2-EdivItoliene	Aromatio	57	100 00	0 213	0 0 4	0 08	0 22	0 32	0 02	0 64	0.15	0.18	0.14
Albiane         57         9.9.8         0.211         0.00         0.08         0.25         0.09         0.04         0.05         0.09         0.04         0.09         0.04         0.05         0.05	A.Diethylbenzene	Aromatic	57	96 49	0 212	0.04	800	0.26	0.38	000	0 64	0.13	0.19	0.15
Milestern   Mile	2 4-Dirrethylogentane	Alkane	57	92.98	0 211	000	0 08	0.26	0.50	000	080	0.15	0 22	0.19
Hidogen,   Admane,   Adm	2.Methyl.1.butene	Alkene	57	9474	0 207	0 02	90.0	0.20	0.38	000	980	0 12	0.17	0.17
Alleane   Alle	Character Care	Halogen	57	100.00	0 203	0 08	0.00	0.14	0.16	0.07	0.25	0 11	0 12	0.04
rectangle         Arcmatic         57         10000         1940         0.44         0.64         0.24         0.62         0.64         0.61         0.64	Dodecane	Alkane	57	9474	0 198	0 02	900	0.24	0.42	000	0 72	0 11	0.18	0.16
Alkente         57         10000         0199         0.04         <	1 2 Tomestichenzene	Aromatic	57	100.00	0 194	0.04	0 0 0	0.24	0 32	0.02	0 64	0.13	0.17	0.13
Alkene         57         10000         0189         0.03         0.04         0.02         114         0.09           nee         Alkene         57         10000         0.175         0.09         0.07         0.04         0.02         0.04         0.02         0.04         0.02         0.04         0.05         0.04         0	n-Propylhenzene	Aromatio	57	100 00	0 100	0.04	0 08	0.19	0.29	0.04	0.54	0.14	0.16	0.12
Albajean   Albajean   S1   S288   D175   D180   D	trans-2-Pentene	Alkene	57	100 00	0 189	0 03	000	0.24	0.40	0 0 0	1 14	600	017	0.19
Halogent   State   S	2 4.Tunethyllievane	Alkane	57	92.98	0 175	000	0.07	0 24	0.41	000	080	0 12	0.18	0.18
Halogen   September   Septem	Tacklorethylene	Halogen	53	100 00	0 164	0 04	0 00	0.15	0.23	0 02	0.74	010	0.13	0.11
Halogent ST ST SSS 0172 000 001 010 011 011 010 010 011 000 01	i 4-Dichlorobenzene	Halogen	57	96 49	0.152	0 0 0	900	0.13	0 2 2	000	0 43	80 0	0.11	0.08
Halogent 57 8649 0170 003 017 0170 018 019 019 019 019 019 019 019 019 019 019	Dibromomethane	Halogen	57	85.96	0 127	000	0 03	0.10	0.12	000	0 14	0 0 0	90.0	0.04
Alkane	1,2-Dichloroethane	Halogen	57	96 49	0 120	0.03	0 0 0	0.10	0.14	000	0.58	0.07	600	600
Halogen Alkerne Alkane S7 7544 0112 060 004 011 012 000 028 Alkerne Alkane S7 8649 0100 002 014 010 015 020 024 024 024 024 025 044 010 015 015 020 024 024 024 025 044 010 015 012 020 024 024 025 025 024 025 025 025 025 025 025 025 025 025 025	2,5-Dunethylhexane	Alkane	57	82 46	0.1111	000	0.04	0.16	0 27	000	990	0.07	0 12	0.15
Accordações         57         56.49         0 100         0 22         0 44         0 10         0 11         0 11         0 13         0 00         0 30           Allecine         57         96.49         0 100         0 10         0 11         0 11         0 10         0 13         0 00         0 34           spécificações         Alberne         57         96.49         0 095         0 00         0 10         0 11         0 13         0 00         0 34           spécificações         Alberne         57         96.49         0 095         0 00         0 01         0 11         0 10         0 13         0 00         0 13         0 14         0 17         0 10         0 13         0 00         0 13         0 14         0 17         0 00         0 13         0 14         0 15	Chloroethane	Halogen	57	75 44	0 112	000	0 0 4	0.11	0.12	0.00	0.28	0 0 0	0 0 0	0 0 0
Alkene         57         96.49         0.037         0.02         0.04         0.10         0.13         0.03         0.24           Alkene         37         96.49         0.09%         0.02         0.04         0.10         0.11         0.13         0.00         0.24           Alkane         37         38.46         0.09%         0.02         0.04         0.12         0.11         0.10         0.03         0.44           Alkane         57         100.00         0.093         0.00         0.01         0.16         0.14         0.05         0.04           Alkane         57         100.00         0.081         0.01         0.01         0.02         0.04         0.01         0.02         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05 <th< td=""><td>Indane</td><td>Aromatio</td><td>57</td><td>96.49</td><td>0 100</td><td>0 0 0</td><td>0 0 4</td><td>0.10</td><td>0.15</td><td>000</td><td>0.30</td><td>0 0 0</td><td>80.0</td><td>900</td></th<>	Indane	Aromatio	57	96.49	0 100	0 0 0	0 0 4	0.10	0.15	000	0.30	0 0 0	80.0	900
Alberne         57         96.49         0.0%         0.04         0.10         0.11         0.00         0.34           Alkaner         54         35.19         0.093         0.00         0.02         0.12         0.01         0.03         0.04           Alkaner         57         10.00         0.093         0.00         0.02         0.14         0.20         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.05         0.05         0.05         0.05         0.05         0.04         0.05         <	Cyclopentene	Alkene	57	96 49	2600	0 02	0 0 4	0.10	0.13	0000	0 24	900	000	0 0 0
Alkerne         54         3519         0.095         0.00         0.00         0.01         0.01         0.01         0.05         0.55           Alkane         57         82.46         0.093         0.00         0.01         0.01         0.01         0.02         0.04         0.02         0.04         0.05 <t< td=""><td>1-Methylcyclopentene</td><td>Alkene</td><td>57</td><td>69 96</td><td>9600</td><td>0 0 0</td><td>0 04</td><td>010</td><td>0.17</td><td>000</td><td>0 34</td><td>900</td><td>0 08</td><td>900</td></t<>	1-Methylcyclopentene	Alkene	57	69 96	9600	0 0 0	0 04	010	0.17	000	0 34	900	0 08	900
Alkane         57         88.46         0.033         0.00         0.02         0.14         0.26         0.04           Arcmando         57         100.00         0.081         0.02         0.04         0.05         0.16         0.04         0.05         0.04         0.08         0.15         0.09         0.44           Alkane         55         74.0         0.881         0.01         0.05         0.04         0.15         0.00         0.00         0.03         0.05         0.00         <	cis-2-Heptene	Alkene	54	35.19	\$60.0	000	000	0.12	0.21	000	65 0	000	0 0 1	0.12
Afternatio         57         10000         0091         002         04         008         015         018 <th< td=""><td>cis-1,3-Dimethylcyclohexane</td><td>Alkane</td><td>57</td><td>82.46</td><td>0.093</td><td>000</td><td>0 02</td><td>0 14</td><td>0.20</td><td>000</td><td>0.44</td><td>0 00</td><td>0.10</td><td>0.10</td></th<>	cis-1,3-Dimethylcyclohexane	Alkane	57	82.46	0.093	000	0 02	0 14	0.20	000	0.44	0 00	0.10	0.10
Alkane         55         750         0885         060         01         016         024         030         030           Halogen         57         9474         0684         00         01         016         024         010         030<	150-Propylbenzene	Aromatio	57	100 00	160 0	0.02	0.04	0 08	0.15	0 0 0	0 18	900	0.07	0 0 0
Alkane         57         9474         0681         061         053         068         0.05         0.05         0.20           Hologen         57         7193         0.086         0.00         0.07         0.08         0.00         0.07         0.08         0.00         0.01         0.00         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.0	4-Methylheptane	Alkane	56	75 00	0.086	000	0 01	91.0	0.24	0000	0 30	000	600	60 0
Halogen	2,2-Dimethylpropane	Alkane	57	94 74	0.081	0 01	0.03	0.08	0.15	0000	0 20	000	90.0	0 0 0
Alkene         51         9412         0.075         0.01         0.03         0.08         0.16         0.09         0.01           Alkene         57         8421         0.070         0.07         0.09         0.05         0.09         0.02         0.02           Hidogen         57         4213         0.654         0.00         0.00         0.06         0.09         0.00         0.01         0.03         0.00         0.01         0.03         0.00         0.01         0.00         0	1,1-Dichloroethylene	Halogen	57	71 93	0.080	000	000	0 0 0	0 08	000	010	0 04	0 0 4	0 03
Alkene         57         8421         0.070         0.07         0.07         0.08         0.10         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.03 <t< td=""><td>Cyclohexene</td><td>Alkene</td><td>51</td><td>9412</td><td>0.075</td><td>0 0 1</td><td>0 03</td><td>0 08</td><td>01.0</td><td>000</td><td>0 16</td><td>900</td><td>900</td><td>0 03</td></t<>	Cyclohexene	Alkene	51	9412	0.075	0 0 1	0 03	0 08	01.0	000	0 16	900	900	0 03
Halogen 57 4211 0.0641 0.00 0.00 0.06 0.09 0.00 0.13 Halogen 53 9623 0.064 0.00 0.02 0.06 0.00 0.03 Halogen 57 9123 0.061 0.00 0.02 0.06 0.00 0.02 Albame 57 7719 0.060 0.00 0.01 0.04 0.00 0.06 Albame 57 7719 0.060 0.00 0.01 0.04 0.00 0.06 Albame 57 7719 0.060 0.00 0.01 0.04 0.00 0.01 Albame 57 7855 0.056 0.00 0.01 0.10 0.00 Halogen 57 7541 0.055 0.00 0.01 0.10 0.10 0.02 Halogen 57 0.054 0.055 0.00 0.01 0.10 0.10 0.02 Halogen 57 0.054 0.055 0.00 0.01 0.10 0.10 0.00 Halogen 57 0.054 0.055 0.00 0.01 0.10 0.10 0.00 Halogen 57 0.054 0.055 0.00 0.00 0.00 0.00 0.00	1-Methyloyclohexene	Alkene	57	8421	0.000	000	003	0 08	0.10	000	0 22	0 0.1	0 0 0	0 04
Histogen   State   S	Bromodichloromethane	Halogen	57	42 11	0.06.1	000	000	900	600	000	0.13	0 0 0	0 03	0 0 4
benzene         Aromatio         57         91,23         0.061         0.00         0.02         0.08         0.14         0.00         0.26           Alkerne         46         23.91         0.060         0.00	Вголооботи	Halogen	53	96.23	0.003	100	0.02	90.0	90.0	000	0 0 0	0 0 0	0 0 4	0 02
Alberine         Aberine         46         23.91         0.060         0.00         0.00         0.00         1.08         1.08           Pyll-spetter         Albarie         57         77.19         0.060         0.00         0.01         0.04         0.00         0.05           Syl-2-petter         Albarie         57         78.45         0.05         0.06         0.01         0.10         0.0         0.18           Albarier         Albarier         57         82.46         0.055         0.06         0.01         0.10         0.0         0.02           Albarier         Albarier         57         74.44         0.055         0.05         0.01         0.10         0.0         0.02           Albarier         57         54.45         0.055         0.05         0.01         0.10         0.10         0.0         0.02           Albarier         57         61.40         0.05         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Albarier         57         61.40         0.050         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td>1,3-Diethylbenzene</td> <td>Aromatio</td> <td>57</td> <td>91.23</td> <td>0.061</td> <td>000</td> <td>0 0 0</td> <td>0 08</td> <td>0.14</td> <td>000</td> <td>0.26</td> <td>0.04</td> <td>900</td> <td>90.0</td>	1,3-Diethylbenzene	Aromatio	57	91.23	0.061	000	0 0 0	0 08	0.14	000	0.26	0.04	900	90.0
Objection         All-state         57         7719         0.060         0.00         0.01         0.04         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.01         0.09         0.01         0.09         0.01         0.09         0.01         0.09         0.01         0.01         0.09         0.01         0.01         0.09         0.01         0.01         0.01         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.03	1-Octene	Alkene	46	23.91	0 0 0 0	000	00.0	000	0 20	000	1 08	000	0 08	0.30
Aconatio         57         75 44         0.057         0.00         0.02         0.08         0.10         0.00         0.18           Syl2-penter         Alkene         57         78 95         0.05         0.00         0.01         0.10         0.14         0.00         0.22           Sylpertaine         Alkene         57         75 44         0.055         0.00         0.01         0.10         0.15         0.00         0.02           Algorithme         All shaper         57         75 44         0.055         0.00         0.01         0.15         0.00         0.12           All shoper         57         61 40         0.050         0.00         0.01         0.16         0.10         0.10           All shoper         57         61 40         0.050         0.00         0.01         0.00         0.00         0.00         0.00         0.00	2,2-Dimethylhexane	Alkane	57	77.19	0 000	000	0 01	0 04	90.0	0000	990	0 03	0 0 0	0 12
Alkene 57 78-95 0056 000 010 0.10 0.14 0.00 0.22  Alkene 57 82-46 0.055 0.00 0.10 0.10 0.15 0.00 0.28  Alkane 57 73-44 0.055 0.00 0.01 0.10 0.15 0.00 0.22  Hidogen 57 61-40 0.050 0.05 0.00 0.00 0.06 0.07 0.00 0.00	р-Суппене	Aromatio	57	75 44	0 0 0 2 7	000	0 0 0	0.08	0.10	000	0 18	0 0 4	0 0 0	0 0 0
Alkene 57 82-46 0.055 0.00 0.01 0.16 0.16 0.00 0.48 Alkane 57 75-44 0.055 0.00 0.01 0.10 0.15 0.00 0.42 in Halogen 57 63-140 0.050 0.00 0.01 0.2 0.00 in Halogen 57 63-140 0.050 0.00 0.01 0.2 0.00 0.08	cis-3-Methyl-2-pentene	Alkene	57	78 95	9500	000	0.01	0.10	0.14	000	0 22	0 04	0.00	90.0
Alkane 57 7544 0.055 0.00 0.01 0.10 0.15 0.00 0.22 ne Halogen 57 6.316 0.050 0.00 0.00 0.00 0.10 0.15 0.00 0.10 Halogen 57 6.316 0.050 0.00 0.00 0.14 0.22 0.00 0.08 1.00 0.00 0.00 0.10 0.00 0.00	trans-2-Hexene	Alkene	57	82 46	0.055	000	0 01	0.10	0.16	0.00	0 48	0.04	000	60.0
Halogen 57 6316 0055 000 000 006 007 000 010 Halogen 57 61.40 0.050 0.00 000 014 022 0.00 0.68	2,2-Dimethylpentane	Alkane	57	75 44	0.055	000	0 01	0 10	0.85	000	0 22	0.00	000	900
Halogan 57 61.40 0.050 0.00 0.00 0.14 0.22 0.00 0.08	Dibromochloromethane	Halogen	57	63 16	0 0 0 5 8	0 00	000	900	0 0 2	000	010	0 02	0.03	0.03
	Vurylchlonde	Halogen	57	61.40	0 0 0 0 0	000	00 0	0.14	0 22	000	0 68	0 02	0 08	0.14

TABLE 44 VOC Annual Statistics at Sarnia (1997)

resultantial         Attalementary         Name of partial states and partial states a					;	G E	-		LES					
Hallighen NY	compounds	Compound Class	No of Sampler	% Samples >DL	% Average Mass	5%0	75%	75%	%86	Miln.	Max.	Median	Mean	Std. Dev.
Hallegeria ST, Standard Ballegeria ST, Standard Balleg	2,2-1 etrachioroctione	Halogen	23	59.65	0.051	000	0.00	0.00	000	0.00	0.08	0.01	0.03	0.03
Atkiers         73         76 kg         017         000         000         018         022         000         018         028         029         000         00	Dichloroethane	Halogen	23	66.67	0.047	000	000	0 0 0	900	000	0.12	0 03	0 03	0.03
Atkleine         57         19-30         0.642         0.00         0.00         0.21         0.00         0.21         0.00         0.00         0.00	Irans-2-Octene	Alkene	57	56 14	0.047	000	000	0.08	0 22	000	0.48	0 0 0	900	600
Atkiers         57         8558         0.045         0.06         <	s-4-Methyl-2-pentene	Alkene	23	19 30	0.042	000	000	000	0 22	000	2 0 1	0 0 0	0.10	0.34
Alterior         31         43.45         0.043         0.04	utylbenzene	Aromatio	57	N5.96	0.045	000	0 0 0	900	80 0	000	0.14	0.03	0 04	003
Allenges   34   6456   6441	f-Methyl-2-pentene	Alkene	57	24 56	0.043	00.00	0.00	000	0.24	0 00	0.58	0 0 0	90.0	0.16
Hidden	s-1,2-Dunethyleydehexane	Alkane	54	62.96	0.041	000	000	600	0.17	000	0 32	0 03	900	0 08
Authene         57         79.2         69.9         60.9 <t< td=""><td>,2-Dichloroethylene</td><td>Halogen</td><td>57</td><td>1640</td><td>0.040</td><td>000</td><td>000</td><td>0.04</td><td>0 0 0</td><td>000</td><td>000</td><td>0 02</td><td>0 02</td><td>0 02</td></t<>	,2-Dichloroethylene	Halogen	57	1640	0.040	000	000	0.04	0 0 0	000	000	0 02	0 02	0 02
Avonatiol	spiene	Alkene	57	7.02	0.040	0.00	0.00	0.00	00.00	0.00	6 12	0 0 0	0.13	0.81
Hallogen   51   Hallogen   52   Hallogen   5	Butylbenzene	Aromatio	57	85 96	0.038	000	100	0.01	900	000	0 0 0	0 02	0 03	0 02
Allerine	zylchloride	Halogen	53	99 95	0.037	000	000	0 0 0	0 08	000	0.10	0 02	0.03	0.03
Hallygera   57   Si 44   Gal	sthyl-1-pentene	Alkene	54	37.04	0.033	0.00	000	0 0 0	0.12	000	0.52	00.0	0.04	0 00
Afficienty   Aff	-1,2-Dichloroethylene	Нагоден	57	56.14	0.034	000	000	0 0 4	0 0 4	000	900	10.0	0.02	0.02
Atomition         57         84.21         0.031         0.04         0.04         0.04         0.05         0.06         0.05	-Octene	Alkene	57	33,33	0.032	000	000	0.03	0.12	000	0.62	0 0 0	0.04	010
Alkert	Sutylbenzene	Aromatic	57	8421	0.031	000	0.01	0 0 4	0.05	000	0 0 0	0.02	0.02	0 02
Halogen	-Hexene	Alkene	57	\$7.89	0.030	000	0.00	0 08	0 12	0.00	0.34	0 02	0 0 0	0 0 0
Halogen   S1   Halogen   S2   Halo	Dichloropropane	Halogen	57	43 86	0.031	000	000	0 0 4	900	000	0 08	000	0 02	0 03
Halogen Haloge	-3-Methyl-2-pentene	Alkene	57	47.37	0.029	000	0.00	0 08	0 14	000	0.35	000	0.00	0 0 0
Hallygent 57 1500 000 000 000 000 000 000 000 000 00		Halogen	57	38 60	0.029	000	000	0 0 0	900	000	0 08	0 00	0 02	0 03
Hallegent 51 Hallegent 51 Hallegent 61 Hallegent 51 Hallegent 51 Hallegent 61 Halle	-Trichloroethane	Halogen	23	35.09	0 0 0 2 9	00.00	0.00	0.04	000	000	0.13	000	0 0 0	0 03
Alexandaria	Ibrounde	Halogen	5.7	45 61	0.027	000	000	0.03	0 0 0	0 00	80 0	000	0 02	0 02
Atkiene         54         31.48         0.034         0.04         0.01         0.01         0.01         0.03         0.04         0.03         0.04         0.05         0.05         0.04         0.04         0.04         0.05         0.05         0.05         0.04         0.05         0.05         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05	hethylbenzene	Aromatio	57	78.95	0.027	000	0.01	0 03	0 0 4	0 0 0	900	0.03	0 02	0 02
vane         Atlane         54         4074         003         0.04         0.05         114         0.06         0.04           relevant Allene         Atlane         54         4074         0.013         0.02         0.05         0.01         114         0.06         0.04           relevant Allene         Allene         54         29.63         0.019         0.00         0.02         0.05         0.01         0.02<	thyl-1-pentene	Alkene	54	31.48	0.024	000	000	0 03	0.11	000	0 34	000	0.03	0 0 7
Alkaner         54         29 63         0.019         0.00         0.01         0.02         0.03	-1,4-Dimethylcyclohexane	Alkane	54	40.74	0.023	000	000	0 0 0	600	000	1.14	0 00	0 04	0.16
Hexame Allawe         54         5183         0.018         0.00         0.04         0.07         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.05         0.04         0.04         0.05         0.04         0.04         0.05         0.04         0.04         0.05         0.04         0.04         0.05         0.04         0.05         0.05         0.04         0.05	-Trimethylhexane		54	29 63	6100	00.0	000	0.03	800	0.00	0.21	0 00	0 0 0	0 0 4
Alkene         45         2000         0016         000	,4/t-1,3-Dirnethylcyclollexane		54	51.85	0.018	000	000	0 0 4	0 0 0	000	0 14	0.01	0 02	0 03
Alkiene         54         4444         0014         000         000         012         007         007         014         000           Alkiene         54         345         0011         000         000         000         015         000         016         000	nene	Alkene	45	20 00	0 0 1 6	000	0.00	000	0 08	000	0.22	000	0 02	90.0
Alkiene         54         9.26         0.011         0.00         0.00         0.05         <	ıyl-1-Butene	Alkene	54	44.44	0.014	000	0.00	0.03	0 0 0	000	0 14	0.00	0.00	0 03
Alkane         37         31.88         0.010         0.00         0.02         0.05         0.05         0.05         0.04         0.04         0.05         <	-Heptene	Alkene	54	9.26	0.011	00'0	000	000	000	000	0.36	0 00	0 0 0	0 0 0
Alkerte         54         31.48         0.009         0.00         0.01         0.04         0.05         0.05         0.01         0.04         0.05         0.05         0.01         0.05         0.05         0.04         0.05         0.01         0.05         0.05         0.05         0.01         0.05	Jimethyloctane	Alkane	57	31.58	0 0 0 1 0	000	000	0 0 0	0.05	00.00	0.14	0.00	0.02	0.04
Abonnatic         57         28.97         0.009         0.00         0.01         0.01         0.02         0.04         0.05         0.01         0.03         0.04         0.05         0.04         0.05         0.04         0.05         0.01         0.02	-2-Heptene	Alkene	54	31.48	0.009	000	0.00	0.01	0.04	000	0.08	0.00	0.01	0 02
Alkane         54         2222         0.044         0.09         0.09         0.04         0.09 <t< td=""><td>Sutylbenzene</td><td>Aromatic</td><td>57</td><td>28.07</td><td>6000</td><td>000</td><td>0.00</td><td>0 01</td><td>0.03</td><td>0.00</td><td>0 04</td><td>0 00</td><td>10.0</td><td>0 0 1</td></t<>	Sutylbenzene	Aromatic	57	28.07	6000	000	0.00	0 01	0.03	0.00	0 04	0 00	10.0	0 0 1
Allyyne         57         877         0.03         0.04         0.06 <th< td=""><td>-Trinethylbutane</td><td>Alkane</td><td>54</td><td>22.22</td><td>0.004</td><td>000</td><td>000</td><td>000</td><td>0.04</td><td>000</td><td>600</td><td>000</td><td>0.01</td><td>0.02</td></th<>	-Trinethylbutane	Alkane	54	22.22	0.004	000	000	000	0.04	000	600	000	0.01	0.02
Halogen 57 1.75 0.001 0.00 0.00 0.00 0.00 0.00 0.00 0.	tyne	Alkyne	57	8.77	0 003	00.0	00.00	000	000	000	90.0	000	000	100
Alkere         54         1481         0,001         0,00 <t< td=""><td>richlorobutane</td><td>Halogen</td><td>57</td><td>1.75</td><td>0 001</td><td>000</td><td>0.00</td><td>000</td><td>000</td><td>000</td><td>0.04</td><td>000</td><td>000</td><td>0.01</td></t<>	richlorobutane	Halogen	57	1.75	0 001	000	0.00	000	000	000	0.04	000	000	0.01
Alkinte         53         189         0.01         0.00 <th< td=""><td>-3-Heptene</td><td>Alkene</td><td>54</td><td>14.81</td><td>0.001</td><td>00.00</td><td>000</td><td>0.00</td><td>0.00</td><td>000</td><td>0 0 0</td><td>0.00</td><td>00.00</td><td>000</td></th<>	-3-Heptene	Alkene	54	14.81	0.001	00.00	000	0.00	0.00	000	0 0 0	0.00	00.00	000
Halogen         57         1,75         0,001         0,00         <	cene	Alkene	53	1.89	0 001	000	000	000	000	000	017	0.00	0.00	0.02
Acoustic         57         0.00         <	3-Dichloropropene	Halogen	57	1.75	0 001	000	000	000	0.00	000	0 02	0.00	000	0.00
Hologent         57         0.00         <	Ibenzene	Aromatic	57	0.00	0 000 0	00.00	000	000	000	000	000	0.00	00.00	000
Häliger         57         0.00         0.000         0.00         <	-1,3-Dichloropropene	Halogen	57	0.00	0.000	000	00.00	0.00	00.0	00.00	000	000	000	000
Halogent         57         0.00         <	notrichloremediane	Halogen	57	0.00	0 000 0	000	00.00	000	000	000	0.00	000	000	000
Halogen 57 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	robenzene	Halogen	57	0.00	0.000	00.00	0.00	0.00	0.00	000	0.00	0.00	000	0.00
Hålogen 57 0,00 0,000 0,00 0,00 0,00 0,00 0,00	Dichlorobenzene	Halogen	57	0.00	0000	0.00	0.00	0.00	000	000	0.00	0.00	000	0.00
e Habegen 57 0.00 0.000 0.00 0.00 0.00 0.00 0.00	dichlorobenzene .	Halogen	57	0.00	0.000	00.00	000	0.00	0.00	0.00	0.00	0.00	00.00	0.00
Histogen 57 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	-Trichlorobenzene	Halogen	57	0.00	0.000	0.00	00.00	0.00	000	0.00	00'0	0.00	00.00	00.00
	chlorobutadiene	Halogen	57	0.00	0 000 0	0.00	000	00.00	0.00	000	0 00	00.0	0 00	00:0

TABLE 45 VOC Annual Statistics at Sincoe (1997) Unit =micrograms/m³

Compounds	Compound Class	No. of Samples	% Sampler >DL	% Average Mass	5%	25%	75%	%06	Min.	Max.	Median	Menn	Std. Dev.
Ethane	ARane	46	100 00	11.781	I 93	2 SR	495	000	1 76	9 04	3.72	407	1.88
Fron 12	Halogen	46	100 00	N NNN	2.41	2 50	2 8 2	2.00	2 16	358	2 66	2.71	0 24
Propane	Alkane	46	100 00	8 733	0 74	1.75	403	999	0 0	9 7K	2.75	3 2 2	2.17
Butane	Alkane	46	100 00	6.2:13	0 57	0.00	3.01	375	0.40	9 36	2.16	2.35	166
Frentl	Halogen	42	100 00	5 164	091	1 66	184	1 96	1 37	2 19	1.77	1.78	910
Isopentane	Alkane	46	100 00	4 487	0.47	101	1 99	2 31	98 0	423	1.52	1.59	083
Acetylene	Alkyne	46	100 00	4 383	95 0	101	2 01	225	0.47	3 52	1.52	1.53	890
Toluene	Aronntio	46	100 00	3641	023	090	1 36	205	0.14	PR 19	0 92	1.47	263
Chloromethane	Halogen	46	100 00	3 303	0 88	200	901	114	0.75	1.25	86 O	001	0.11
Isobutane	Alkane	46	100 00	2879	0 13	85 O	137	165	0 14	2 92	0 92	104	0 62
Ethylene	Alkene	46	100 00	2 815	023	0.53	1.19	1.45	610	5 \$6	060	660	0.86
Pentane	Alkane	46	100 00	2 604	0 32	0.61	1 10	1 42	0.24	2.42	68 0	0.93	0.48
2-Methylpentane	Alkane	46	100 00	2.355	0 21	0 53	0.04	1.31	0 12	2.26	690	0.78	0 47
Carbontetrachlonde	Halogen	46	100 00	2 217	0 57	061	0 70	0.74	0 52	0.80	N9 0	190	0.00
Benzene	Aromatio	46	00 001	2 065	0 12	0 54	O HR	=	0 22	1 58	190	0.71	0.31
1,1,1-Trichloroethane	Halogen	46	100 00	1837	0.44	6 5 3	0 00	0.64	0.44	0.66	0.56	0.55	0.00
in and p-Xylene	Aromatic	46	100 00	1 641	017	0 33	89 0	1.05	NO 0	3.44	0.46	0.00	0.55
1-Butenc/Isobutene	Alkene	46	100 00	1 499	0 31	0 30	0 53	990	0 22	1 02	0.45	0.48	0 14
Firein22	Halogen	46	00 001	1317	0.28	0 33	0.47	0 52	0.26	1 66	BY 0	0.43	0 21
Dehloromethane	Halogen	46	100.00	1357	0.21	027	0.47	0.70	0.19	2.05	0 34	0.44	0 32
Пехапе	Alkane	46	00 001	1 126	0 14	0.2.1	0.48	590	010	1.48	0.35	0.40	027
3 Methylpentane	Alkane	46	100 00	0.932	0.14	0.22	N 0	0.52	80 0	0.80	0 30	0.32	0 16
Propylene	Alkene	46	93 48	0.832	0.01	0.15	91 0	0 0	0.00	1.94	0.26	0.30	0.10
Naphthalene	Aromatio	46	KO 43	0 706	0 00	0.07	0 22	0 50	0 00	1 50	0 11	0 23	0.35
Phylhenzene	Aromatio	46	100 00	0.683	0.07	0.14	0.28	0.42	99 0	1.26	0.20	0.25	0.20
2,2,4-Trunethylpentane	Alkand	46	100 00	0 67.4	0.00	0 10	0.26	0 30	0.0.4	061	0.21	0 23	0.12
o Xylene	Aromatic	46	100 00	0.000	80 0	0.12	0.24	0 37	0.04	0.82	0.17	0 22	0.15
1,2,4 Trunethylbenzene	Aromatio	46	100 00	0 SN6	900	0.12	0.24	28 0	0.01	0.80	0.17	0.20	0.13
Freon114	Halogen	46	100 00	0.556	0.11	0.12	0.22	0.25	0.00	0.28	0 14	0.17	0.00
Heptime	Alkane	946	100 00	0.497	0 OK	0.10	0.21	0 10	0.04	0.52	0.14	0.18	010
Cyclohexane	Alkane	46	86.96	0.486	0 0 0	0.00	0.13	023	000	4.04	0 0K	0.23	0.72
3-Methylhexane	Alkane	46	89.13	0.479	000	0.11	023	0 10	000	0.42	0 16	0.17	010
Tetrachloroethylene	Halogen	46	00 001	0.467	0 OK	010	0.20	0.22	900	0.37	0.14	0 16	200
Methylcyclopentane	Alkane	46	100 00	0.450	000	010	0 18	0.25	001	0.86	0 14	0.17	0.13
Bromomethane	Halogon	46	00 001	0.418	0 00	0.07	0 16	0 18	900	0.28	010	0.12	900
2-Methylhexane	Alkane	46	84.78	0.400	0.00	0 0K	0 22	021	000	0.40	0.16	0.15	0 11
2,3 Dimethylpentane	Alkano	46	93.48	864 0	0.03	0 OR	0.16	0.25	0.00	0 36	0 12	0.13	80.0
3 Fithyltolnene	Aromatio	46	100 00	0.370	0.04	0 0 K	0.14	0.21	0 0 0	O 38	0.11	0.13	0.00
2,3-Danethylbutane	Alkane	46	95.65	0.366	0.04	0 0 N	0.14	0 10	000	0.42	0.13	0.13	0.00
2,2 Unnethylbutane	Alkane	46	100 00	0.315	0 0 4	000	0.14	0.16	0.00	0.21	0.10	0.10	0.04
Chloroform	Halogen	46	100.00	0.312	0 0 0	0.08	110	0.12	0 00	0.14	0.10	010	0 0 0
crs.1,3 Dichloropropene	Halogen	46	13.04	0.317	000	000	000	010	000	1 68	000	0 0 0	0.26
Decane	Alkano	46	9783	0.300	0.0.1	0.00	013	0.15	000	0.76	010	010	000
Isoprene	Alkene	40	02 90	0.299	000	0 0 0	0 12	16.0	000	0.63	0.04	0.10	0.15
trans-1,3 Dichloropropene	Halogen	46	13 04	0.277	000	0 0 0	000	0.08	000	1.46	0.00	900	0.23
2 Methyl 2 butene	Alkene	46	97.83	0.270	0.0.1	0.00	010	0 12	000	0.23	600	0.00	0.04
1-Hexene	Alkene	46	54.35	0.274	0 0 0	000	0.16	0.21	000	0.46	0 0 0	000	010

TABLE 45 VOC Annual Statistics at Sincoe (1997)

Unit = micrograms/m3

Compound Class Alkane Alkane	No. of Sampler An	% Samples >DL 95 65	% Ave		25%	75%	%06	Min.	Max.	Medlan	Mean	Std. Dev.
Alkane	46 46	9505	The second second		1	27.0			0.00	The state of the s	VVV	
Alkane	46		1 07 0	0.03	000	0.10	0.14	000	67.0	0.08	600	900
		89.13	0.256	0.00	0 0 0	0.11	0.15	0.00	0 24	80 0	600	0 0 0
Alkane	46	95.65	0.257	0 0.4	900	0.10	0.15	0.00	0.24	800	600	0 0 0
Alkane	46	99 96	0.246	0 03	900	0.10	0 13	000	0.20	0 08	0.08	0.04
Alkene	46	89.13	0.225	0.00	0.05	0.10	0.11	000	0.44	80.0	800	0 0 0
Alkane	46	80.43	0.222	0.00	0 04	0.13	0.16	00.00	0.28	80.0	60.0	200
Alkane	46	89.13	0.224	000	900	0 10	0.13	000	0.26	80 0	0 08	0.00
Aromatio	46	100 00	0.223	0 0 3	000	800	0.12	0 0 0	0.22	0 0 0	800	0.04
Halogen	42	100.00	0.209	0.03	0.05	0.10	0.14	0.02	0.22	000	800	0.05
Aronnilo	46	100 00	0 208	0 0 0	0.04	0.07	0.11	0 0 0	0 24	900	0.07	0.01
Alkane	46	69.57	0.206	000	000	0.12	0.14	000	0.23	80.0	0 08	900
Aromaho	46	100 00	0.200	0 0 0	0.04	800	0 12	0 02	0.28	900	000	0.00
Halogen	46	93.48	0.199	0.01	0.03	0.10	0.12	00.00	0.14	0.04	90.0	0.04
Alknne	45	73.33	0.188	000	000	01.0	0.18	000	0.22	0.07	0 08	900
Halogen	46	82.61	0.184	0.00	0.03	90.0	0.11	00.0	0.17	0.04	90.0	0.04
Alkane	46	89.13	0.183	000	004	0.08	010	000	0 18	900	900	0 03
Aromatio	46	100 00	0.177	0 0 0	0 04	800	010	0 0 0	0.12	900	900	0.03
Halogen	46	97.83	0.175	0.03	0.03	80.0	800	000	0.10	0 0 0	0 0 0	0.02
Alkene	46	8261	0.172	000	0 0 4	800	010	000	810	900	900	0.04
Aromatic	46	97.83	0.161	0 03	0.04	900	800	000	0.18	0 0 0	0 0 0	0.03
Alkane	46	82.61	0.159	000	0 0 1	800	0.11	000	0.20	90.0	900	0.04
Aromatic	46	86.98	0.160	000	0.04	0 0 0	600	000	0.18	900	0 0 0	0.04
Alkene	46	71.74	0.127	000	000	90.0	800	000	0.14	0.04	0.04	0.04
Alkane	46	73.91	0.122	000	100	80 0	0.10	000	0.12	0 0 4	0 0 4	0.04
Alkene	46	69.57	0.121	000	000	900	0.14	000	0 22	0.02	000	900
Halogen	46	43.48	0.108	000	0.00	80.0	80'0	00.00	01.0	0.00	0.03	0.04
Alkane	46	84.78	0.104	000	0 0 0	900	900	000	0.10	0.03	0.03	0 0 0
Halogen	42	95.24	0.101	0.01	0.03	90.0	90.0	0.00	90.0	0.03	0.03	0.02
Halogen	46	95.65	0.099	0.01	0.02	0.04	90.0	0.00	90.0	0.04	0.03	0.02
Aromatio	46	9565	860 0	0 01	0.03	0 04	90.0	000	80 0	0.03	0.03	0 0 0
Halogen	46	45.65	960.0	000	0.00	90.0	80.0	0.00	0.10	0.00	0.03	0.04
Aromatio	46	100.00	0600	0.02	0 02	0 0 4	0.04	0.01	80.0	0.03	0.03	0.01
Alkene	46	47.83	0 0 0 0	0000	0.00	900	800	000	0.12	000	0 03	0 03
Halogen	46	45.65	0.081	0.00	0.00	0.04	90.0	0.00	0.10	0.00	0.03	0.03
Alkane	46	65.22	0 0 0 0 0	0.00	000	0.04	900	0.00	0.15	0.03	0.03	0.03
Alkene	46	80.43	0.076	0.00	0.02	0.04	0.04	000	0.10	0.03	0.03	0.03
Aromatio	40	40 00	0 075	000	0.00	0.05	0.11	00.00	0.22	0.00	0 03	0.02
Alkene	46	21.74	0.065	0.00	0.00	0.00	0.10	0.00	0.31	0.00	0.03	0.07
Alkane	46	65.22	0.071	0.00	0000	0 0 4	90.0	0.00	800	0.02	0.03	0.03
Alkene	46	45.65	0 071	0.00	000	0.04	900	0.00	0.14	0.00	0.03	0 03
Halogen	46	43.48	0.071	000	0.00	0.04	90.0	0.00	0.07	00.00	0.03	0.03
Alkene	46	71.74	0.068	0.00	0.00	0.04	0.04	0.00	0.07	0.02	0.03	0.02
Halogen	46	45.65	0.069	0.00	0.00	0.04	90.0	0.00	90.0	0.00	0.02	0.02
Alkene	41	58.54	0.067	0.00	0.00	0.04	90.0	0.00	80.0	0.03	. 0.02	0.02
Alkene	46	60.87	190.0	00:00	0.00	0.04	0.04	0.00	90.0	0.02	0.02	0.02
Halogen	46	41.30	0.061	0.00	0.00	0.04	0.04	0.00	90.0	0.00	0.03	0.02
Alkane	46	39.13	0.055	00:00	0.00	0.04	0.07	0.00	0.11	00'0	0.03	0.03
Alkene	46	52.17	0.056	0.00	00.00	0.04	0.05	0.00	0.10	0.01	0.02	0.02
	Alkane Italogen Alkane Azeunatio Italogen Azeunatio Italogen Azeunatio Alkene Azeunatio Alkene Alkene Alkane Alkene Italogen Alkene Alkene Akene		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46 73.348  47 73.33  46 82.61  46 82.61  46 82.61  46 82.61  46 82.61  46 82.61  46 82.61  46 82.61  46 82.61  46 82.62  46 47.83  46 45.85  46 45.85  46 43.88	46         93.48         0.1919           46         82.41         0.1818           46         82.41         0.1818           46         100 00         0.177           46         97.83         0.173           46         97.83         0.171           46         82.61         0.172           46         82.64         0.161           46         82.64         0.101           46         82.84         0.102           46         82.84         0.101           46         82.84         0.101           46         82.84         0.101           46         82.84         0.101           46         82.84         0.101           46         82.84         0.101           46         95.65         0.089           46         45.65         0.096           46         45.65         0.097           46         45.65         0.071           46         45.85         0.071           46         45.85         0.071           46         45.85         0.065           46         45.85         0.067	46         93,448         0,199         0.01           46         82,611         0,184         0.00           46         82,611         0,184         0.00           46         100,000         0,177         0.00           46         97,83         0,173         0.00           46         82,61         0,172         0.00           46         82,61         0,173         0.00           46         82,67         0,161         0.00           46         82,57         0,122         0.00           46         84,78         0,101         0.00           46         84,78         0,101         0.00           46         84,78         0,101         0.00           46         84,78         0,104         0.00           46         45,65         0,098         0.01           46         45,65         0,098         0.00           46         45,65         0,098         0.00           46         45,65         0,071         0.00           46         45,65         0,071         0.00           46         45,65         0,071         0.00 <t< td=""><td>46         73.34         0.189         0.01         0.03           46         82.61         0.181         0.00         0.03           46         82.61         0.183         0.01         0.00         0.03           46         100.00         0.177         0.02         0.04         0.04           46         100.00         0.177         0.02         0.04         0.04           46         87.84         0.172         0.02         0.04           46         87.84         0.120         0.00         0.04           46         87.84         0.120         0.00         0.04           46         87.84         0.100         0.00         0.01           46         87.84         0.101         0.00         0.01           46         87.87         0.101         0.00         0.01           46         87.87         0.101         0.00         0.01           46         87.87         0.101         0.00         0.00           47         87.83         0.101         0.00         0.00           48         47.83         0.104         0.00         0.00           49</td><td>46         93,44         0,199         0,10         0,10           46         82,61         0,189         0,01         0,01           46         82,61         0,184         0,00         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,00           47         10,00         0,121         0,00         0,00           48         10,00         0,121         0,00         0,00           49         10,00         0,121         0,00         0,00           40         10,00         0,00         0,00         0</td><td>46         53.44         0.199         0.01         0.01         0.19         0.01         0.19         0.19         0.10         0.10         0.11         0.18         0.01         0.10         0.11         0.18         0.01         0.01         0.11         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         <td< td=""><td>46         33.48         0.189         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.00         0.03         0.19         0.01         0.03         <th< td=""><td>46         93.48         0.199         0.01         0.01         0.10         0.10         0.01         <th< td=""><td>46         33.48         0,199         0.01         0.01         0.10         0.01         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.01         0.02         0.02         0.02         0.02         0.02         <th< td=""></th<></td></th<></td></th<></td></td<></td></t<>	46         73.34         0.189         0.01         0.03           46         82.61         0.181         0.00         0.03           46         82.61         0.183         0.01         0.00         0.03           46         100.00         0.177         0.02         0.04         0.04           46         100.00         0.177         0.02         0.04         0.04           46         87.84         0.172         0.02         0.04           46         87.84         0.120         0.00         0.04           46         87.84         0.120         0.00         0.04           46         87.84         0.100         0.00         0.01           46         87.84         0.101         0.00         0.01           46         87.87         0.101         0.00         0.01           46         87.87         0.101         0.00         0.01           46         87.87         0.101         0.00         0.00           47         87.83         0.101         0.00         0.00           48         47.83         0.104         0.00         0.00           49	46         93,44         0,199         0,10         0,10           46         82,61         0,189         0,01         0,01           46         82,61         0,184         0,00         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,02         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,01           46         10,00         0,173         0,00         0,00           47         10,00         0,121         0,00         0,00           48         10,00         0,121         0,00         0,00           49         10,00         0,121         0,00         0,00           40         10,00         0,00         0,00         0	46         53.44         0.199         0.01         0.01         0.19         0.01         0.19         0.19         0.10         0.10         0.11         0.18         0.01         0.10         0.11         0.18         0.01         0.01         0.11         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.02         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03         0.03 <td< td=""><td>46         33.48         0.189         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.00         0.03         0.19         0.01         0.03         <th< td=""><td>46         93.48         0.199         0.01         0.01         0.10         0.10         0.01         <th< td=""><td>46         33.48         0,199         0.01         0.01         0.10         0.01         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.01         0.02         0.02         0.02         0.02         0.02         <th< td=""></th<></td></th<></td></th<></td></td<>	46         33.48         0.189         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.01         0.03         0.19         0.00         0.03         0.19         0.01         0.03 <th< td=""><td>46         93.48         0.199         0.01         0.01         0.10         0.10         0.01         <th< td=""><td>46         33.48         0,199         0.01         0.01         0.10         0.01         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.01         0.02         0.02         0.02         0.02         0.02         <th< td=""></th<></td></th<></td></th<>	46         93.48         0.199         0.01         0.01         0.10         0.10         0.01 <th< td=""><td>46         33.48         0,199         0.01         0.01         0.10         0.01         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.01         0.02         0.02         0.02         0.02         0.02         <th< td=""></th<></td></th<>	46         33.48         0,199         0.01         0.01         0.10         0.01         0.02         0.01         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.01         0.02         0.02         0.02         0.01         0.02         0.02         0.02         0.02         0.02 <th< td=""></th<>

TABLE 45 VOC Annual Statistics at Simcoe (1997) Unit =micrograms/m³

						S C E	2	PERCENTILES	SS				
Compounds	Compound Class	No. of Samples	% Samples >DL	% Average Mass		25%	75%	%06	Min.	Max.	Median	Mean	Std. Dev.
cis-3-Methyl-2-pentene	Alkene	40	21.74	0.052	0.00	0.00	0.00	0.05	000	0.22	000	0.01	0.04
2,2-Dunethylliexane	Alkane	46	36 96	0.052	000	000	0 0 0	0.0.1	000	0.15	0 0 0	0.02	0.03
cis-1,2-Dichloroethylene	Halogen	46	41.30	0.051	00.00	000	0.04	0.04	0.00	90.0	000	0 02	0 02
Ethylbromide	Halogen	46	34.78	0 0 4 7	0.00	000	0 0 0	0.04	000	900	000	0 01	0 02
р-Сулпене	Aromatic	46	36.96	0 0 0 4 5	00.00	000	0 0 0	0.05	000	60 0	000	0 0 1	0 02
СПогобенгене	Halogen	42	47.62	0.038	000	0.00	0.03	0 0 4	000	0 0 4	000	0 02	0 02
1,3-Dicthylbenzene	Aromatic	46	60.87	0.037	000	0.00	0.03	0.04	000	0.04	0 01	0 01	100
1,2-Dichdoropropane	Halogen	46	19.57	0 037	000	000	000	0.05	000	80 0	000	0 01	0 0 0
2,2-Dunethylpentane	Alkane	46	52.17	0.035	0.00	0.00	0.03	0.04	0.00	900	0 01	100	0 0 0
cis-4-Methyl-2-pentene	Alkene	46	26.09	0.033	0.00	0.00	0.03	900	000	0.10	000	0 01	0.03
EDB	Halogen	46	19.57	0 034	000	0.00	000	900	000	0 08	000	10.0	0 0 0
trans-2-Octene	Alkene	46	23.91	0.034	0.00	0.00	000	0.05	0.00	0.12	000	0.01	0.03
sec-Butylbenzene	Aromatio	46	63.04	0 032	0.00	000	0 0 0	0 02	000	0 02	0 0 1	100	0 01
iso-Butylbenzene	Aronatio	46	58.70	0 031	00.00	0.00	0 0 0	0 02	000	0 0 4	0.01	100	0 01
trans-1,2-Dunethyleyclohexane	Alkane	46	39.13	0 028	000	0.00	0 0 0	0 03	000	900	000	0.01	0 02
n-Butylbenzene	Aromatio	46	47.83	0.024	0.00	0.00	0.03	0 02	000	0 0 4	000	0 01	0.01
2,2,5.Trunethylhexane	Alkane	46	17.39	0.021	000	000	000	0 04	000	900	000	0 01	0 02
1,2-Diethylbenzene	Aromatic	46	30.43	0.021	000	000	0.03	0 03	000	0 0 4	000	0 01	0 01
trans-2-Hexene	Alkene	46	39.13	0.020	000	000	0 0 0	0 02	000	0 04	000	0 01	0 01
1-Octene	Alkene	41	9.76	0.019	000	0.00	000	0.00	0.00	0.15	000	0 01	0 0 4
cis-2-Heptene	Alkene	46	6.52	0 0 0 1 9	000	000	00.0	0.00	0.00	0.12	000	0 01	0.03
1,1,2-Trichdoroethane	Halogen	46	10.87	0.019	000	00.0	00.0	0 02	000	0.10	000	0 01	0 02
frans-1,4 Dunethyleyeloftexane	Alkane	46	28 26	0 0 1 6	000	000	0.01	0 02	000	0 0 0	000	0 01	0 01
1-Heptene	Alkene	46	2.17	0.012	000	000	00.0	000	000	0.18	000	000	0 03
ets-1,4/t-1,3-Dunethyleyelohexane	Alkane	46	28.26	0 012	00.0	000	0 01	0 02	000	0 03	000	000	0 01
cis-2-Octene	Allene	46	10.87	800 0	000	000	000	0 01	000	0 0 0	000	000	0 01
Vurylchlonde	Halogen	46	10.87	0.007	0.00	000	000	100	0.00	0 0.4	000	000	0 01
trans-2-Heptene	Alkene	46	435	0.007	000	000	000	000	000	010	000	000	0.01
4-Methyl-1-pentene	Alkene	46	2.17	0 000	0.00	000	000	000	000	600	000	000	0 01
2 Fthyl-I-Butene	Alkene	46	19.51	0.004	000	000	000	100	000	0 01	000	000	000
cis.2-Hexene	Alkene	46	6.52	0 004	000	0.00	0 00	000	000	0 0 4	000	000	0 01
1,4-Dichlorobutane	Halogen	46	2.17	0.004	00.00	000	0.00	0.00	0.00	0 04	000	000	0 01
1-Decene	Alkene	40	2.50	0 003	000	000	000	000	000	900	000	000	0.01
trans-3-Methyl-2-pentene	Alkene	46	435	0 003	000	000	000	000	000	0 04	000	000	0 01
3-Methyl-1-pentene	Alkene	46	2.17	0.002	00.00	000	0.00	000	000	0 0 4	000	000	0.01
3,6 Dimethyloctane	Alkane	46	4.35	0 001	000	000	000	000	000	0 02	00 0	000	00 0
2,2,3-Trunethylbutane	Alkane	46	2.17	0000	00.00	000	0.00	000	000	0 0 1	000	000	000
Hexachlorobutadiene	Halogen	46	2.17	0.000	00.00	000	00.00	0.00	0.00	000	000	00.0	00 0
1,3-Dichlorobenzene	Halogen	46	2.17	0000	00.00	0.00	000	000	000	0.00	000	000	000
1-Butyne	Alkyne	46	0.00	0 000	000	000	000	000	000	000	000	000	0 00
trans-3-Heptene	Alkene	46	0.00	0000	000	000	000	000	000	000	000	000	000
cis-3-Heptene	Alkene	46	0.00	0.000	00.00	0.00	000	0 00	000	000	000	000	0 00
1-Nonenc	Alkene	3.5	0.00	0.000	000	00.00	000	0.00	000	000	000	000	000
tert-Butylbenzene	Aromatic	46	0.00	0.000	00.00	000	00.00	000	000	000	000	000	000
Hexylbenzene	Aromatic	46	0.00	0 0 0 0	00.00	000	000	000	000	000	000	000	0 0 0
Bromotnehloromethane	Halogen	46	0.00	0 000	000	000	000	000	0.00	000	000	000	0 00
1,2-Dichlorobenzene	Halogen	46	0.00	0 000	000	00.00	0.00	000	000	000	000	0 0 0	000
1,2,4-Tuclilorobenzene	Halogen	46	0.00	0.000	000	000	0.00	000	000	000	000	000	0 0 0

TABLE 46 VOC Annual Statistics at Stouffville (1997) Unit =mterograms/ $m^3$ 

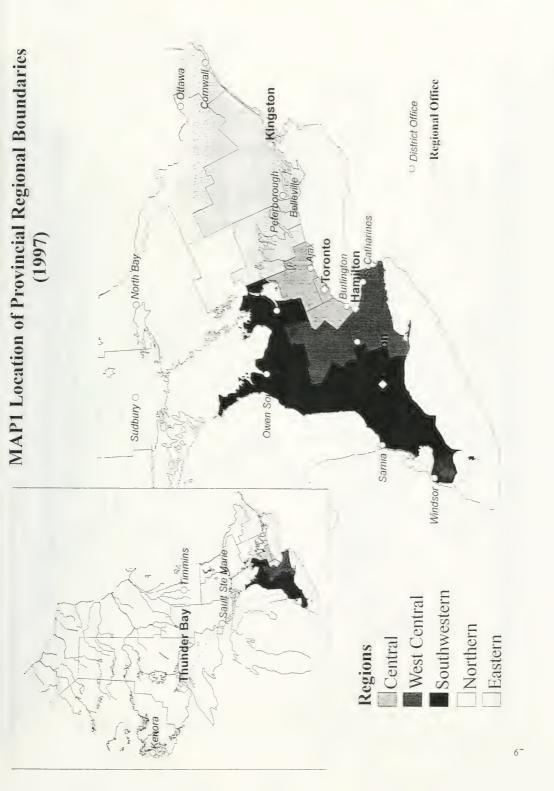
							7697	2000	A.f. In	Alax.	Nedlan	Mean	Std. Dev.
onipounds	Compound Class	No.of Samples	% Samples >DL	% Average Mass	2%	25%	12%	2076	144411	***************************************	***************************************		200
Sutture	Alkane	28	100 00	8 136	0.62	1.45	0 07	11.24	0.42	269 54	2.89	1160	39.45
Ethano	Alkano	58	100 00	7.247	1.40	2.37	431	561	0.10	833	3.19	3.51	165
Topane	Alkane	58	100.00	7.221	1.29	2.13	5.02	7.13	99:0	21.30	3.29	4.06	3.21
sopentano	Alkane	58	100.00	9199	69.0	1.50	5.31	10.45	0.50	244.50	2.41	8.77	32.31
Freon12	Halogen	58	100.00	166'5	2 20	2.52	2.79	287	2 08	4.25	267	2 66	0.31
Toluene	Aromatic	58	100.00	5.997	0.94	1.60	4.16	6.10	0.71	107.10	2.69	4.99	13.84
Acetylene	Alkyme	. 85	100.00	4.109	0.74	1.30	2.62	3.76	0.51	6.87	2.14	2.17	1.16
Pentane	Alkane	58	100.00	3.671	0.47	0.94	2.75	5.92	0.32	127.85	1.43	4.56	16.74
Freoull	Halogen	55	100.00	3 606	1.53	164	1.79	1.85	1.50	1.96	1.72	1.72	0.12
sobutane	Alkane	58	100.00	3.305	0.44	0.78	2.17	90.9	0.32	53.16	1.27	3.51	8.77
Ethylene	Alkene	58	100.00	3 171	0.58	1.01	2.09	2.91	0.42	5.71	1.42	1.66	0.00
2-Methylpentane	Alkane	800	300 00	2 659	0.30	0.74	172	330	0.33	65 00	1 20	090	558
m and a Valena	Aromotio	85	100.00	2 537	0.16	0,60	2 20	3 63	0 00	26.66	1 2 3	100	2 41
and p-sylving	and the same	0 0	100.00	2006	0.00	800	\$ 00	3.32	77.0	100	11.11	76.7	3.41
Choromediano	Hadogen	36	100,000	7.793	0.87	0.97	80.	01.1	0.75	1.25	707	10.1	0.09
Зепдене	Aromatic	28	100 00	1 933	0.35	890	133	171	0.30	19 16	960	1 36	2 44
1-Butene/Isobutene	Alkene	58	100.00	1.741	0.34	0.60	1.05	1.43	0.28	9.91	0.79	1.07	1.36
Carbontetrachloride	Halogen	58	100.00	1.537	0.56	0.64	0.72	0.74	0.56	0.82	99.0	0.67	90.0
1,1,1-Trichloroethane	Halogen	58	100.00	1.334	0.49	0.54	0.62	0.67	0.46	0.77	0.59	0.59	0.07
fexane	Alkane	58	100.00	1.233	0.16	0.32	0.93	1.65	0.14	41.89	0.49	1.45	5.44
Dichloromethane	Halogen	58	100.00	1.229	0.22	0.30	0.77	1.35	0.21	23.54	0.48	1.03	3.05
3-Methylpentane	Alkane	58	100.00	1.183	0.20	0.30	0.84	1.46	0.14	43.69	0.52	1.46	5.69
Freon22	Halogen	88	100.00	0.991	0.33	0.38	0.52	0.63	0.27	0.89	0.44	0.46	0.12
Topylene	Alkene	58	100 00	0.961	0.21	0.31	990	1 06	0.11	2 18	0.42	0.56	0.41
Ethylbenzene	Aromatic	58	100.00	0.899	0.14	0.23	99.0	0.98	0.10	9.84	0.42	0.67	1.28
2,2,4-Trimethylpentane	Alkane	88	100.00	0.881	0.16	0.26	0.57	0.90	0.13	10.92	0.37	0.64	1.41
o-Xylene	Aromatic	58	100.00	0.801	0.12	0.21	0.69	1.05	80.0	7.57	0.36	0.59	1.00
1,2,4-Thimethylbenzene	Aromatic	58	100.00	0.718	0.11	0.18	0.59	0.82	0.10	5.37	0.31	0.51	0.75
Tetrachloroethylene	Halogen	58	100.00	869.0	0.13	0.23	0.45	0.63	0.01	1.82	0.28	0.38	0.30
3-Mcthylhexane	Alkane	28	100.00	0.662	0.12	0.18	0.52	0.67	0.09	13.65	0.30	0.59	1.76
2-Methylhexano	Alkane	58	100.00	0.600	0.09	0.16	0.46	99.0	0.04	14.91	0.27	09'0	1.93
Heptane	Alkane	58	100.00	0.594	0.10	0.16	0.39	99.0	0.09	9.76	0.24	0.49	1.27
Methylcyclopentane	Alkane	88	100.00	0.573	0.08	0.15	0.42	0.68	90.0	21.58	0.25	0.71	2 80
2-Methyl-2-butene	Alkene	58	100.00	0.561	0.08	0.12	0.33	0.86	0.07	28.66	0.17	98.0	3.75
2,3-Dimethylbutane	Alkane	88	100.00	0.497	0.08	0.12	0.37	0.65	90.0	16.75	0.22	0.59	2.18
3-Ethyltoluene	Aromatic	58	100.00	0.453	0.08	0.12	0.36	0.49	90.0	5.41	0.21	0.35	0.71
3-Dimethylpentane	Alkane	58	100.00	0.432	0.08	0.11	0.30	0.41	90.0	6.20	0.22	0.34	0.80
Decane	Alkane	58	100.00	0.411	90.0	0.10	0.28	0.38	0.04	3.45	0.16	0.26	0.45
Naphthalene	Aromatic	58	93.10	0.409	0.00	0.08	0.27	0.52	0.00	1.56	0.15	0.24	0.28
Preon114	Halogen	58	100.00	0.404	0.11	0.12	0.22	0.24	60.0	0.28	0.18	0.18	0.05
Cyclopentane	Alkane	58	100 00	0 390	900	0.10	0.28	0.47	0 0	12 56	0 17	0.45	18
-Hexene	Alkene	58	86.21	0.385	0.00	0.14	0.28	0.36	0.00	4.05	0.18	0.26	0.52
Indecane	Alkane	58	100.00	0.364	0.04	0.10	0.24	0.37	0.02	2.35	0.14	0.22	0.32
soprene	Alkene	99	100.00	0.339	0.04	90.0	0.22	0.41	0.02	0.85	0.10	0.18	0.19
cis-2-Penteno	Alkene	58	98.28	0.332	0.04	0.08	0.22	0.48	0.00	10.78	0.12	0.39	1.41
2,2-Dimethylbutane	Alkane	58	100:00	0.325	90.0	0.10	0.22	0.31	0.05	61.9	0.14	0.29	08'0
Methylcyclohexane	Alkane	58	96.55	0.299	0.04	0.08	0.20	0.32	0.00	4.04	0.13	0.24	0.54
1-Pentene	Alkene	58	98.28	0.303	90.0	0.08	0.23	0.42	000	8 08	0.12	0.31	100
						-	And in			20.0	20 0 10	0.31	1.03

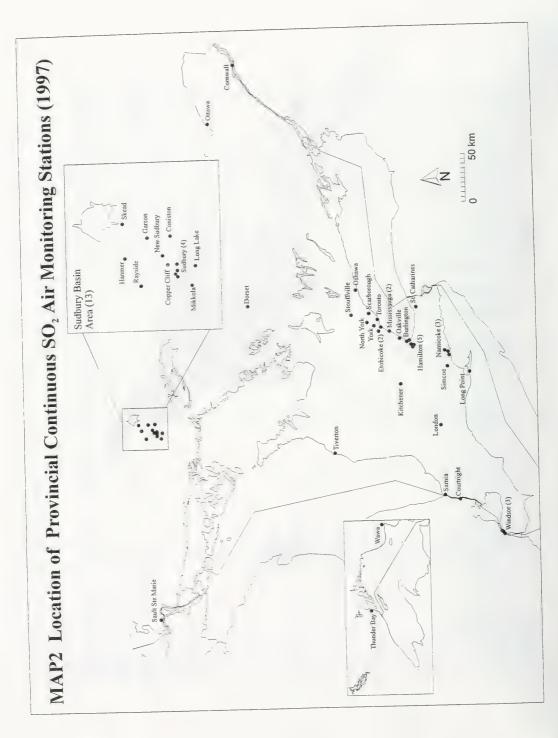
TABLE 46 VOC Annual Statistics at Stouffville (1997) Unit =nucrograms/m³

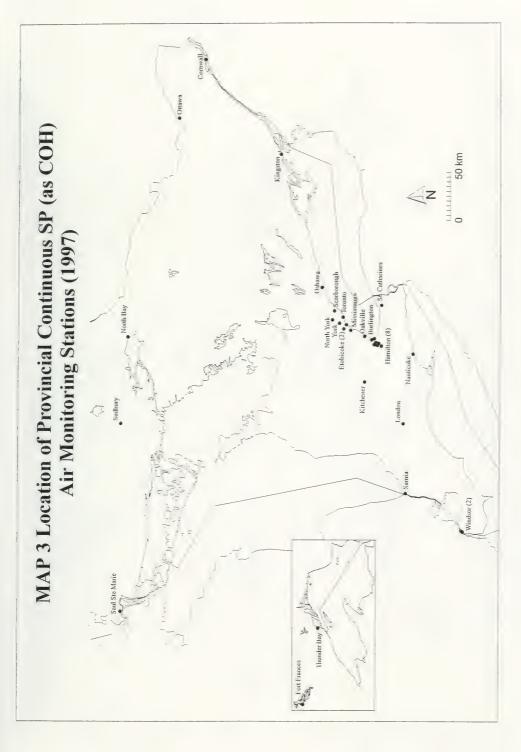
- Constitution of the Cons					PERCE		NTILE	LES					
Components	Compound Class	No.of Samples	% Samples >DL	% Average Mass	5%	25%	75%	%06	Min.	Max.	Medlan	Mean	Std. Dev.
Bromomethane	Halogen	28	100 00	0.292	0.00	0.08	0.16	0.18	0.05	0.36	0.13	0.13	0.05
Octano	Alkane	28	100.00	0.287	0 0 0	80 0	0.18	0.27	0.03	2.71	0.12	0.20	0.36
cis-2-Butene	Alkene	58	96.55	0.282	0.03	90.0	0.21	0.48	0.00	9.84	0.10	0 36	1 30
Nonane	Alkane	28	96.55	0.282	0.04	80.0	0.18	027	000	1.52	0.11	0.18	0.23
3-Methylheptana	Alkane	58	86.21	0.277	00.00	90.0	0.21	0.37	000	5.76	0.14	0.25	0.75
2-Methylheptane	Alkane	56	71.43	0.266	0.00	0.00	0.15	0.24	0.00	888	0.00	0.21	0.79
Cyclohexano	Alkano	58	96.55	0.265	0 04	80.0	0.20	0.27	000	447	0.12	0.21	0.58
rans-2-Buteno	Alkeno	58	91.38	0.257	0.00	90.0	0.18	0.44	000	9.10	0.10	034	121
1-Ethyltoluene	Aromatic	58	300.00	0.251	0.00	0.07	0.19	0.26	0 04	2 65	0.12	0.19	034
hichloroethylene	Halogen	55	98.18	0.246	0.03	90.0	0.18	0.30	000	0.80	0.10	0.15	0.15
,3,5-Trimethylbenzene	Aromatic	58	100.00	0.237	0.04	90.0	0.19	0.28	0 02	2.18	0.11	0.17	0.70
,4-Diethylbenzene	Aromatic	58	100.00	0.228	0.04	900	0.18	0.23	0.00	104	010	0.14	670
Cliforoform	Halogen	288	100 00	0.216	0.07	000	0110	0.13	200	3 3	01.0	0.10	0.13
2-Ethyltoluene	Aromatic	000	100.00	0.210	0.0	0.00	0.11	0.13	900	0.14	0.10	0.10	0 0 0
4-Dimethylpentane	Alkana	2 0	04 63	0.214	0.04	0.00	0.10	77.0	0.03	1.29	0.10	0.14	0.18
trans 2 Benjana	Allegio	30	94.83	0.209	0 02	90.0	0.16	0.23	0.00	4.72	0.10	0.20	0.61
ans-z-remeno	Alkend	28	100.00	0.203	0.02	0.04	0.12	0.23	100	14.73	000	0.38	1 93
1,2,3-truneutylbenzene	Aromatic	28	100.00	0.195	0.04	90.0	0.15	0.21	0.02	1.10	600	0.13	0.16
Nodecane	Alkano	28	93.10	0.193	0.00	90.0	0.12	0.19	0.00	0.41	600	0.11	0 08
-Десене	Alkeno	53	9.43	0.186	000	00.00	000	000	000	7.48	000	0.20	1 04
n-Fropylbenzene	Aromatic	58	100.00	0.181	0.04	0.05	0.13	0.17	0 03	1.71	0 08	0.13	0 22
2-Methyl-1-buteno	Alkene	58	87.93	0.181	00:00	0.03	0.14	0.21	0.00	10.98	0 08	0.28	1.43
2,4-Dimethylliexano	Alkano	58	93.10	0.179	00:00	90.0	0.13	0.20	000	3 06	0 08	0.15	0.39
Chlorocthane	Halogen	58	9483	0.164	0 03	90.0	0.10	0.12	0.00	0.16	0.08	0 08	0 04
2,5-Dinethylhexane	Alkane	58	93.10	0.159	00.00	0.04	0.10	0.14	0.00	1.90	0.08	0.11	0.24
Dibromomethane	Halogen	28	96.55	0.160	0.02	0.05	0.10	0.12	0.00	0.16	0 0 0	0 07	0.04
Styrene	Aromatic	54	64.81	0.147	00.00	0.00	0.14	0.22	000	0.53	90:00	000	0.11
,3-Butadieno	Alkene	58	75.86	0.123	00.00	0.03	0.10	0.20	0.00	0.74	90.0	0.09	0.11
,4-Dichlorobenzene	Halogen	58	100.00	0.121	0.02	0.04	0 08	0.10	100	0.22	0.00	0 00	0.04
,2-Dichloroethane	Halogen	58	94.83	0.121	0.02	0 04	0.08	0 08	000	0.20	000	0.06	0 03
Indano	Aromatic	58	100.00	0.114	0.02	0.04	0.08	0.11	0 02	0 68	0.00	0 0 0	000
iso-Propylbenzene	Aromatic	58	100.00	0.111	0.02	0.04	0.07	0.08	0 00	0.43	0.05	900	900
cs-1,3-Dimethylcyclohexano	Alkane	58	86.21	0.109	000	0.02	80 0	0.17	000	0 97	0.04	80.0	0.14
-Methylcyclopentene	Alkene	58	94.83	0.097	0.01	0.03	90.0	0.13	0.00	3.82	0.04	0.12	0.50
p-Cymene	Aromatic	58	84.48	0.093	000	0.02	90.0	0.10	0.00	1.16	0.04	0.07	0.15
yclopeniene	Alkene	58	9483	0.092	0 01	0.03	90 0	0.10	000	2.94	0.04	0.10	0.38
2,2-Dinethylpropane	Alkane	58	91.38	0.089	0.00	0.03	90.0	800	00.00	1.40	0.04	0.07	0.18
I,1-Dictidoroethylene	Halogen	58	65.52	0600	0.00	000	90.0	80.0	000	0.10	0.04	0 04	0 03
4-Methytheptane	Alkano	99	69.64	0.083	00.00	0.00	0.07	0.12	000	0.38	0.04	0.05	0.07
Вголоботи	Halogen	55	98.18	0 0 0 7 5	0 02	0.02	0.05	90.0	000	0.08	0.00	0.04	0 0 0
Bromodichloromethane	Halogen	58	90.00	0.073	0.00	0.00	90.0	80 0	000	0.10	0.01	0.03	0.03
Dibromochioromethane	Halogen	58	63.79	0.072	000	000	0.05	90.0	0.00	80.0	0 03	0 03	0.03
-Methylcyclohexene	Alkeno	58	72.41	0.068	0.00	0.00	900	80.0	000	0.51	0.04	0.00	000
Cyclohexene	Alkeno	53	83.02	0.065	0.00	0.02	90.0	90.0	0.00	080	0.04	0 0 0	0.11
, 1-Dichloroethane	Halogen	58	72.41	0.063	0.00	0.00	0.04	90.0	0.00	0.21	0.03	0 03	0.03
,3-Diethylbenzene	Aromatic	58	91.38	0.059	0000	0.02	0.04	90.0	000	0.21	0 00	0 04	0.03
2,2-Dimethylpentano	Alkane	58	75.86	0.054	0000	0 0 1	0.05	80 0	000	1.24	0 03	0.05	0.16
1,1,2,2-Tetraciiloroethano	Halogen	58	56.90	0.055	0.00	0.00	0.04	90.0	0.00	900	0.02	0 02	0 00
irans-4-Methyl-2-penteno	Alkeno	58	24.14	0.054	000	000	000	0.15	000	890	000	0.05	0.13
mis-2-Hexene	Alkene	28	75.86	0.052	000	0.01	0.04	0.07	0.00	3.12	0 00	0.08	0.41

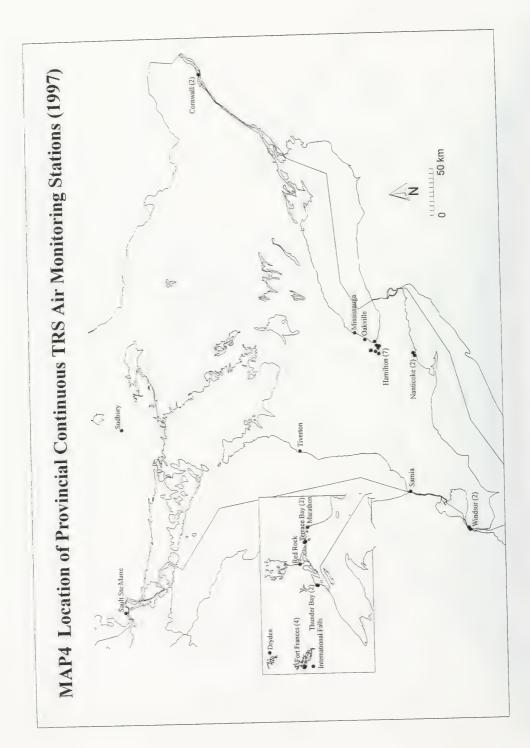
TABLE 46 VOC Annual Statistics at Stouffville (1997) Unit=nuterograms/m³

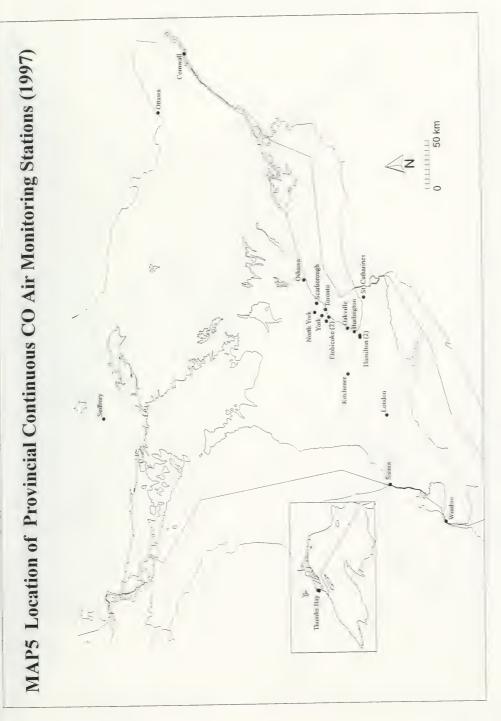
Participation   Participatio	Compounds	Compound Class	No.of Samples	% Samples >DT	% Average Mass	2%	25%	75%	%06	Min.	Max.	Median	Mean	20
Maintenner   Maintenner   State   Giver   Gi	trans-1,2-Danethylcyclohexane	Alkane	85	53.45	0.050	0.00	000	0.00	010	0.00	0.44	0.02	0.04	0.01
antimental Mathematical State State Order of the State Order of the State Order of the State Order ord	Penzylchlonde	Halogen	55	60.00	0.049	0.00	0.00	0.05	90.0	0.00	90.0	0.03	0.03	0.02
the thirty of thir	2,2-Dunedlyllievare	Alkane	58	6897	0.047	0.00	00:00	0.03	0.04	0.00	0.33	0.02	0.03	0 0 0
Attachmentation         Manne         5         GG 77         O445         0.05	n-Butylbenzeno	Aromatic	58	82.76	0.046	000	0 01	0.04	90.0	000	0.24	0 02	0.03	0.04
Challenger         35         36         0.04         0.05         <	cis-3-Methyl-2-pentene	Alkene	58	62 07	0 046	0.00	0.00	0.04	900	000	3.17	0.02	800	0.41
Name         58         5110         0.045         0.05	EDB	Halogen	58	39.66	0.045	0.00	0.00	0.04	90.0	0.00	0.08	0.00	0.02	0.03
Alleages	trans-2-Octene	Alkene	58	43.10	0.045	0.00	0.00	0.05	0.08	00.00	0.47	000	0 04	0.07
Alkiene         38         7231         0.009         0.00         <	trans-1,2-Dichloroethylene	Halogen	. 89	55.17	0.045	0.00	0.00	0.04	0.05	0.00	90.0	0.02	0.02	0.02
Halogent State Haloge	cts-4-Methyl-2-pentene	Alkene	58	29.31	0.040	0.00	00.00	0.02	0.13	0.00	0.45	0.00	0 03	0.08
the thingstand thingstand the things	cis-1,2-Dichloroethylene	Halogen	58	51.72	0.039	000	0.00	0 04	0.04	00.00	90.0	0.02	0.02	0.02
Accomatich         55         81,33         0.046         0.05         0.02         0.04         0.05	1,2-Lychdoropropane	Halogen	58	37.93	0.037	0.00	0.00	0.03	90.0	0.00	0.08	0.00	0.02	0.02
bytchtevane Alane SS 423 0434 050 050 050 050 050 050 050 050 050 05	sec-Butylbenzene	Aromatic	58	81.03	0.036	0.00	0.01	0.02	0.04	000	0.08	0 00	0.02	0.02
with the color of the	trus-1,4-Dunethylcyclohexane	Alkane	58	48 28	0.034	0.00	00.00	0.03	90.0	000	0.18	000	0.02	0.04
with the part of th	cis-2-Heptene	Alkene	58	20.69	0.034	00.00	0000	0.00	80.0	0.00	0.13	0.00	0.00	0.03
une         Hálogent         38         3276         0101         070         0	150-Butylbenzene	Aromatic	58	77.59	0 032	0.00	0.01	0.02	0.03	000	0 0 0	0 0	0.02	0.01
Histogen 38 4138 0029 0079 0079 0070 0070 0070 0070 0070	1,1,2-Thehloroethane	Halogen	58	32.76	0.031	0.00	0.00	0.03	0.05	0.00	0.18	0.00	0.02	0.03
Albane Albane S 34 448 0027 002 00 002 00 002 00 002 00 002 00 002 00 00	Ethylbrounde	Halogen	58	41.38	0.029	0.00	0.00	0.03	0.04	00.00	90.0	00.00	10.0	0.02
Alkene Alkene SS 545 002 002 002 002 002 002 002 002 002 00	2.2.5-Trunedrylliexane	Alkane	58	34.48	0.027	00.00	000	0 03	90.0	0.00	80.0	00.00	0.02	0.02
Aukerse Akkerse 58 5317 0622 050 050 050 050 050 050 050 050 050 0	1-Heptene	Alkene	55	5.45	0.024	00.00	0.00	0.00	0.00	0.00	0.23	0.00	100	0.04
Alkene Alkene Ss 2931 0072 0070 0070 0070 0070 0070 0070 007	1,2-Diethylbenzene	Aromatic	58	55.17	0.022	0.00	0.00	0.02	0.03	0.00	90:0	0.01	0.01	0.01
Alkerie         Alkerie         38         4483         6722         670 <t< td=""><td>trans-3-Methyl-2-pentene</td><td>Alkene</td><td>58</td><td>29.31</td><td>0.022</td><td>0.00</td><td>0.00</td><td>0.03</td><td>90.0</td><td>00.00</td><td>2.37</td><td>00.00</td><td>90'0</td><td>0.31</td></t<>	trans-3-Methyl-2-pentene	Alkene	58	29.31	0.022	0.00	0.00	0.03	90.0	00.00	2.37	00.00	90'0	0.31
Alkene Sa 1897 0021 002 002 002 002 002 002 002 002 00	cis-1,4/t-1,3-Dunethylcyclohexane	Alkane	58	44.83	0.022	00.00	0.00	0.02	0.05	0.00	0.40	00.00	0.02	90.0
Alkene S 25% 25% 0019 002 002 002 002 002 002 002 002 002 00	cis-2-Octene	Alkene	58	18 97	0.021	0.00	0.00	0.00	0.05	0.00	0.22	0.00	0.01	0.04
Alleane SS 31793 0109 0109 0107 0109 0109 0109 0109 0109	3-Methyl-1-pentene	Alkene	58	25 86	0.019	0.00	0.00	0.02	90.0	00.00	0.10	00.00	0.01	0.03
Alkerie Alkerie SS 521 019 019 010 010 010 010 010 010 010 01	3,6-Dimethyloctane	Alkane	58	37.93	0.019	0.00	0.00	0.02	0.04	0.00	0.20	00.00	0.02	0.04
Alkene         50         22.00         0.015         0.00         0.00         0.01         0.00         0.01         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.00         0.01         0.00         <	cis-2-Hexene	Alkene	58	3621	0.019	0.00	0.00	0.02	0.05	0.00	2.54	00.00	90.0	0.33
Alkene         58         39-66         0.014         0.05         0.05         0.01         0.05         0.05         0.01         0.05         <	1-Octene	Alkene	20	22.00	0.015	00.00	0.00	0.00	0 004	0.00	0.14	00.00	0.01	0.03
Alkerie         46         1739         0.013         0.00         <	2-Ethyl-1-Butene	Alkene	58	39.66	0.014	00'0	0.00	0.01	0.03	0.00	0.15	00.00	0.01	0.02
Alkerie         354         0012         000         00	1-Nonene	Alkene	46	17.39	0.013	0.00	0.00	0.00	0.05	0.00	0.08	00.00	0.01	0.02
Alkene         58         1897         0111         050         050         054         050         057         050	cis-3-Heptene	Alkene	55	3.64	0.012	00.00	0.00	0.00	0.00	0.00	0.61	00.00	0.01	80.0
Alkerie         58         32.76         0.011         0.00         0.02         0.02         0.02         0.02         0.03	4-Methyl-1-pentene	Alkene	58	18 97	0.011	000	0.00	0.00	0.04	0.00	0.07	00:00	0.01	0.02
Halogen         58         29.31         0.011         0.05         0.05         0.02         0.02         0.02         0.03         0.04         0.09         0.04         0.09         0.04         0.00	trans-2-Heptene	Alkene	58	32.76	0.011	00.00	0.00	0.02	0.02	0.00	0.03	0.00	0.01	001
Atomatic         58         1552         0.005         0.00         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00	Vurylchlonde	Halogen	58	29.31	0.011	0.00	0.00	0.02	0.02	0.00	0.04	0.00	0.01	0.01
Allame         58         1552         0.004         0.00 <t< td=""><td>tert-Butylbenzene</td><td>Aromatic</td><td>58</td><td>15.52</td><td>0.005</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.01</td><td>0.00</td><td>0.04</td><td>00.00</td><td>0.00</td><td>0.01</td></t<>	tert-Butylbenzene	Aromatic	58	15.52	0.005	0.00	0.00	0.00	0.01	0.00	0.04	00.00	0.00	0.01
Alkyme         51         0,003         0,003         0,00         <	2,2,3-Trimethylbutane	Alkane	58	15.52	0.004	0.00	0.00	0.00	0 02	0.00	0.04	00.00	0.00	0.01
Alkene         57         877         0001         000<	1-Butyne	Alkyne	58	5.17	0.003	0.00	0.00	0.00	00.0	0.00	0.04	00.00	0.00	0.01
Halogent SS 1172 0.000 0.00 0.00 0.00 0.00 0.00 0.00 0	trans-3-Heptene	Alkene	57	8.77	0.001	0.00	0.00	0.00	0.00	0.00	0.01	00.00	0.00	0.00
Atomatic         58         0.00         <	cts-1,3-Dichloropropene	Halogen	58	1.72	0.000	00.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Halogen SS 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Hexylbenzene	Aromatic	58	00.00	0.000	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Halogent SS 0.00 0.000 0.00 0.00 0.00 0.00 0.00	trans-1,3-Dichdoropropene	Halogen	98	00'0	0.000	0.00		0.00	0.00	0.00	0.00	00.00	0.00	0.00
Hådogen         58         0,00 <t< td=""><td>Bromotrichloromethane</td><td>Halogen</td><td>58</td><td>0.00</td><td>0.000</td><td>0.00</td><td></td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>00.00</td><td>0.00</td><td>0.00</td></t<>	Bromotrichloromethane	Halogen	58	0.00	0.000	0.00		0.00	0.00	0.00	0.00	00.00	0.00	0.00
Halogent         58         0,00         <	Chlorobenzene	Halogen	88	00'0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00
Halogen         38         0.00 <t< td=""><td>1,4-Dichlorobutane</td><td>Halogen</td><td>28</td><td>00.00</td><td>0.000</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>00.00</td><td>0.00</td><td>0.00</td><td>0.00</td></t<>	1,4-Dichlorobutane	Halogen	28	00.00	0.000	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00
Halogent         58         0,00         0,000         0,00	1,3-Dichlorobenzene	Halogen	28	00:00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00
Halogen 58 0.00 0.000 0.00 0.00 0.00 0.00 0.00	1,2-Dichlorobenzene	Halogen	58	00:00	0.000	0.00	_	0.00	00.00	0.00	0.00	00.00	0.00	0.00
Halogen 58 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	1,2,4-Trichlorobenzene	Halogen	58	0.00	0.000	0.00		0.00	0.00	0.00	0.00	00.00	00.00	0.00
	Hexachlorobutadiene	Halogen	58	0.00	0.000	0.00	0.00	0.00	00.00	0.00	0.00	00.00	0.00	0.00

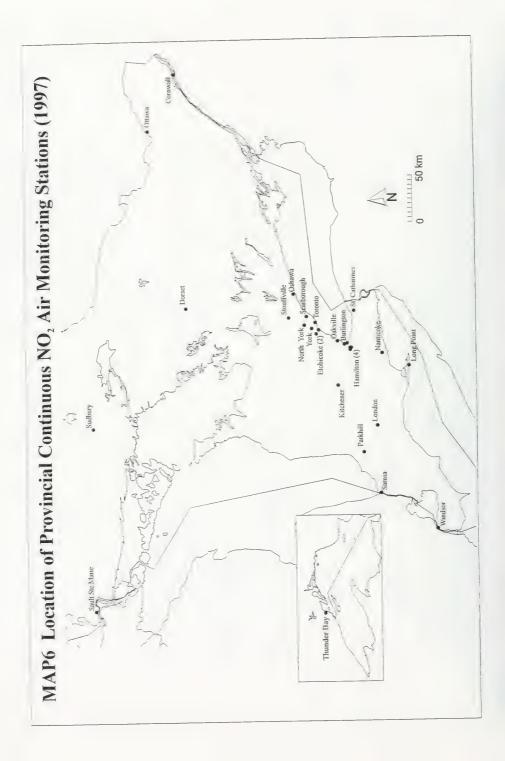












## MAP7 Location of Provincial Continuous O<sub>3</sub> Air Monitoring Stations (1997) . Scarborough Stouffville · Toronto Mississauga North York •Longwoods Grand Bend • Parkhill Fort Frances Cloud River Thunder Bay

